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A PRELIMINARY LIST of the INSECTS of the PROVINCE OF QUEBEC

Part III—COLEOPTERA

BY
G. CHAGNON
MONTREAL

PUBLISHED AS A SUPPLEMENT TO REPORT OF THE QUEBEC SOCIETY FOR THE PROTECTION OF PLANTS

1917

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INTRODUCTION

It is again my pleasant privilege to say a few words by way of introduction to PART III, COLEOPTERA,—A PRELIMINARY LIST OF THE INSECTS OF THE PROVINCE OF QUEBEC. This list of beetles is largely the work of Mr. G. Chagnon, one of the enthusiastic group of systematic entomologists of the Montreal Society of which Mr. A. F. Winn is president.

Mr. Chagnon has been for many years an ardent collector of Lepidoptera, Diptera and Coleoptera, and his collections of Quebec forms are unusually complete. It is to be regretted that pressure of vocational duties since 1912 has prevented him from devoting as much time as he and his friends would wish to the avocational studies among his beloved beetles and flies.

For the information of students of insects it may be of interest to know that Part I—LEPIDOPTERA—by A. F. Winn, was published in 1912, and Part II—DIPTERA, by A. F. Winn and G. Beaulieu, in 1915. Other Parts will follow as soon as they can be prepared.

I desire again to thank the Minister of Agriculture, the Honorable J. E. Caron, for his continued help in publishing this List as an Appendix to the Ninth Annual Report of the Quebec Society for the Protection of Plants.

W. LOCHHEAD,

President of the Quebec Society for the Protection of Plants.

Macdonald College, Que.
June, 1917.

EXPLANATION OF ABBREVIATIONS AND ACKNOWLEDGMENTS

In order to save space, an arbitrary set of abbreviations has been used for the names of Entomologists whose records have been included. The Roman numerals indicate the month in which the insect was taken.

Be. **Beaulieu, Germain,** Ottawa. Made a very fine collection while residing in Montreal and assisted greatly in giving a large number of records.

Bell, **Bell, R.** Collected on the South East side of the St. Lawrence River, from Quebec to Gaspé.

Beg. **Bégin, l'Abbé,** Sherbrooke. Made a local general collection.

Bl. **Beauln2, Jos. I.,** Ottawa. Collected in several localities in this Province, particularly near Hull, in Ottawa Co., and furnished lists of a number of his captures.

C. **Chagnon, G.,** Montreal. Collected extensively and most of the records in this list are his.

D. **Denny, E.,** Montreal. Made a general collection, mostly Lepidoptera.

Des. **Desrochers, Rev. J. E.,** Rigaud. Made a local collection in all orders.

D'Ur. **D'Urban, W. S. M.** Collected insects of all orders and published lists in the Geological Survey of Canada.

Fy. **Fyles, Rev. T. W.,** Ottawa. Collected in all orders and kindly furnished list of his captures.

G. **Gibson, Arthur,** Ottawa. Dominion of Canada Chief Assistant Entomologist. His Annual Insect Record has been of much value.

Gm. **Germain, Rev. Bro.,** Three Rivers. Makes a general collection and valuable records were taken from the Annual Insect Record.

H. **Harrington, W. H.,** Ottawa. Particularly interested in Hymenoptera but also made a good collection of Coleoptera many of which were taken on the Quebec side of Ottawa River.

Hau. **Hausen, J. F.** His list of Coleoptera collected in the vicinity of St. Jerome was of great value.

Hm. **Hanham, A. W.,** Duncan, B.C. Collected largely while residing in Quebec.

Ly. **Lyman, Henry H.** Though principally interested in Lepidoptera, also collected incidentally many specimens of other orders of insects including Coleoptera.

M. **Moore, G. A.,** Montreal. Interested in Hemiptera of which he has a fine collection, but also collects insects in various other groups for his friends.

Mi. **Mignault, Rev. J. B.,** St. Therese de Blainville. Collects in all orders. A number of his records have been furnished by Mr. Gibson.

O. **Ouellette, Bro. C. J.,** Deaf and Dumb Institute, Montreal. Made a large collection of Coleoptera. A number of his records were obtained through the kindness of Bro. Jean.

P. **Provancher, L'Abbé L.** A number of valuable records were taken from his "Petite Faune du Canada."

Ro. **Roy, l'Abbé,** Levis. Has furnished several good records.

S. **Swaine, J. M.** Formerly Professor of Entomology at Macdonald College, now in charge of Forest Insects at Ottawa. He has kindly given his valuable assistance in the preparation of the list of the Ipidae.

Sa. **Saunders, Dr. Wm.** Former editor of The Canadian Entomolopist and Director of Experimental Farms. A collection made during a trip to Saguenay district is of interest.

St. **Stevenson, Charles,** Montreal. Formerly interested in all orders.

W. **Winn, Albert F.,** Westmount. Lepidopterist. Has also collected Coleoptera in various parts of the Province and a number of his records appear in this list. He has also kindly assisted the author in many ways in the preparation of this list.

PUBLISHED LISTS USED IN COMPILATION

A list of Coleoptera collected in the vicinity of St. Jerome, Que., by J. F. Hausen. (Can Record of Science Vol. V. 1892).

Notes on Quebec Coleoptera by A. W. Hanham. (Can. Entomologist, Vol. 26, page 350).

Les Coléoptères du Canada and Additions to same by L'Abbé L. Provancher.

Catalogue of Coleoptera collected by M. D'Urban in the counties of Argenteuil and Ottawa (Geological Survey of Canada, 1858).

Liste des Coléoptères les plus remarquables capturés dans la Province de Québec, de 1899 à 1901, par C. J. Ouellet. (Le Naturaliste Canadien, Vol. 29, 1902).

Insects collected on the south-east side of the St. Lawrence river, from Quebec to Gaspé, by R. Bell (Geological Survey of Canada, 1858).

Order COLEOPTERA

The Coleoptera or beetles are easily recognized by their hard wing covers under which the hind wings are folded. They have mandibulate or chewing mouth parts, both in the larval as well as in the adult stage. They feed on a great variety of substances, animal and vegetable. Many species are seriously injurious to vegetation while others are carnivorous and beneficial.

This order of insects is very numerous in species and 1810 of the latter are recorded here as having been found within the limits of our Province, but more assiduous collecting, particularly in the remoter districts, will easily increase this number by over 500.

Family CICINDELIDAE

The insects belonging to this family are commonly called "tiger-beetles." They prey on other insects and are seen generally in open sandy places, flying readily when disturbed. Some are metallic and very brilliant, others brownish with white spots or bands.

CICINDELA Linn.

C. duodecimguttata Dej. Matane Co. (Bell); Rimouski Co. VII (C); Montreal Isl. V-VI (C); Rouville Co. VI (C); Brome Co. VIII (W); St. Maurice Co. VI (Be).

C. hirticollis Say. Quebec VIII (Hm); Argenteuil Co. (F).

C. longilabris Say. Matane Co. (Bell); Rimouski Co. VII (C); Chicoutimi Co. (Sa); Levis Co. (Hm); Brome Co. VII (W); Argenteuil Co. VI (C); Terrebonne Co. Laurentian Mts. VII (O).

C. purpurea Oliv. Quebec VIII (Hm); Brome Co. VIII (W); St. Johns Co. VI (C); Chambly Co. IV (C); Montreal Isl. V (C); St. Maurice Co. VI (Be).

var limbalis Klug. Chicoutimi Co. (Sa); Quebec VIII (Hm); Chambly Co. V (C); Montreal Isl. VI (C); St. Maurice Co. VI (Be).

C. repanda Dej. Matane and Rimouski Cos. (Bell); Quebec (Hm); Brome Co. VII, VIII (W); Rouville Co. VI, VII (C); St. Johns Co. VI (C); Montreal Isl. V, VII (C); Terrebonne Co. VI (Ly); Vaudreuil Co. VI (C); Argenteuil Co. (D'Ur); St. Maurice Co. VI (Be).

C. sexguttata F. Brome Co. VII (W); Rouville Co. V-VI (C); St. Johns Co. IV-VI (C); Montreal and Jesus Isl. IV-VII (C); Vaudreuil Co. V (C); Two Mountains Co. VI (C); St. Maurice Co. VI (Be).

C. tranquebarica Hbst. (vulgaris Say). Saguenay (Sa); Matane Co. (W); Rimouski Co. VII (C); Temiscouata Co. (Sa); Levis Co. VII (C); St. Hyacinthe Co. VI (C); Montreal and Jesus Isl. V-VII (C); Argenteuil Co. (D'Ur).

Family CARABIDAE

The members of this large family are known as "ground-beetles" and they occur under stones, sticks, dead leaves or are seen running about on the muddy soil near the edge of ponds, creeks and rivers. Some species (*Lebia*) are found on flowers. They vary much in size and in coloration, are generally black more or less shining; some are metallic. The larvae as well as the adults are predatory and destroy quantities of injurious insects.

OMOPHRON Latr.

O. americanum Dej. Joliette Co. VII (O); Rouville Co. VI (C); St. Johns Co. (C); Montreal Isl. IV (C).

O. tessellatum Say. Joliette Co. (O); Berthier Co. VI (Be).

CYCHRUS Fabr.

C. nitidicollis Chevr. var. Brevortii Lec. Matane Co.; Rimouski Co.; Temiscouata Co. (Bell); Argenteuil Co. (D'Ur).

C. Lecontei Dej. Isl. of Orleans (Hm); Rouville Co. VI (C); Montreal Isl. V-VII (C); Vaudreuil Co. VI (C); Ottawa Co. VI (Bl).

C. viduus Dej. Missisquoi Co. (Fy); Rouville Co. VI-VII (C).

CARABUS Linn.

C. meander Fisch. Matane Co. (Bell); Rimouski Co. (W); Temiscouata (Bell); Levis (Ro); St. Johns Co. VI (Bl); Ottawa Co. VI (Bl). Anticosti Isl. IX (Be).

C. nemoralis Mull. Montreal, V-VII (Crevier); Anticosti Isl. IX (Be).

C. serratus Say. Matane Co. (Bell); Rimouski Co. VII (C); Temiscouata Co. (Bell); Levis Co. (Ro); Montreal Isl. IV-VI (C); Two Mountains Co. VI (C); Ottawa Co. VI (Bl); Champlain Co. VI (Bl).

CALOSOMA Weber.

C. calidum Fabr. Matane Co. (Bell); Rimouski Co. (Bell); Levis VII (C); Joliette Co. VII (Bl); St. Hyacinthe Co. VII (C); Chambly Co. VI (C); Stanstead Co. IX (Bl); Montreal Isl. V-VII (C); Vaudreuil Co. VI (St); Ottawa Co. VIII (Bl); Berthier Co. VI (Bl).

C. frigidum Kirby. Joliette Co. VII (Bl); Rouville Co. VI (C); Montreal Isl. VI-VII (C); Vaudreuil Co. VII (C); Ottawa Co. VIII (Bl). This species is generally seen on trunks of trees and on foliage devouring caterpillars.

C. scrutator Fabr. Joliette Co. (O); St. Johns Co. VII (C); Montreal Isl. (Be); Ottawa Co. VII (Bl).

C. willcoxi Lec. Montreal Isl. (D); St. Johns Co. V (Bl).

ELAPHRUS Fabr.

E. cicatricosus Lec. St. Johns Co. VI (C).

E. clairvillei Kirby. Montreal Isl. VIII-IX (C); Jesus Isl. IX (C); Vaudreuil Co. VIII (C).

E. riparius Linn. Terrebonne Co. (Hau).

E. ruscarius Say. Quebec (Fy); Terrebonne Co. (Hau); Montreal Isl. VI (C); Two Mountains Co. VI (C); Berthier Co. VI (Be); Montmorency Co. VI (Be); Argenteuil Co. VI (Ly)

BLETHISA Bon.

B. julii Lec. Chicoutimi Co. (P); Levis Co. (Hm); Montreal Isl. (O).

B. multipunctata Linn. Montreal and Jesus Isl. VII-IX (C).

B. quadricollis Hald. Matane Co. VIII (W); Montreal Isl. IX (Be); Vaudreuil Co. (Des); Chambly Co. VIII (Be).

LORICERA Lat.

L. caerulescens Linn. Jesus Isl. VII (C); Montreal Isl. VII-IX (C); St. Johns Co. VII (C).

NOTIOPHILUS Dum.

N. aeneus Hbst. Sherbrooke Co. V (C); Montreal Isl. IV-V(C); Jesus Isl. V (C); Vaudreuil Co. V (C); Two Mountains VI (C).

N. aquaticus Linn. Matane Co. (Be); Joliette Co. (O); Montreal Isl. IV (C).

N. semistriatus Say. Isle of Orleans VIII-IX (Hm); Sherbrooke Co. V (C); Argenteuil Co. (D'Ur).

NEBRIA Latr.

N. pallipes Say. Levis Co. (Fy); Joliette Co. (O); Chambly Co. VII (C); Rouville Co. VI (C); St. Johns Co. VI (C).

SCARITES Fabr.

S. subterraneus Fabr. Ottawa Co. IX (Bl).

DYSCHIRIUS Bon.

D. affinis Fall. Joliette Co. (O).

D. globulosus Say. Montreal Isl. V (C); Jesus Isl. V-VI (C); St. Johns Co. VI (C); Vaudreuil Co. V (C); Ottawa Co. IX (Bl).

D. longulus Lec. Montreal Isl. (O).

D. nigripes Lec. Rouville Co. V (C); Montreal Isl. V-VI (C); Ottawa Co. VII (Bl).

D. sphaericollis Say. Isle Jesus V (C); Montreal Isl. (O); Vaudreuil Co. VI (C).

D. terminatus Lec. Joliette (O).

CLIVINA Latr.

C. americana Dej. Mount St. Hilaire Lake, Rouville Co. VII (C).

C. bipustulata Fabr. St. Johns Co. VI (C).

SCHIZOGENIUS Putz.

S. lineolatus Say. Gros-Bois Isl. Chambly Co. (C); Montreal Isl. (Be).

NOMIUS Lap.

N. pygmaeus Dej. Montreal Isl. (O); St. Johns Co. X (Bl).

BEMBIDIUM Latr.

B. americanum Dej. St. Johns Co. VI (C); Ottawa Co. IV (Bl).

B. anguliferum Lec. Rouville Co. VI (C); Montreal Isl. V-VI (C); Vaudreuil Co. (Des); Two Mountains VI (C); Ottawa Co. VI (Bl).

B. assimile Gyll. Rouville Co. V-VI-VII(C); St. Johns Co. VI (C); Montreal Isl. V-IX (C); Vaudreuil V (C); Ottawa Co. VIII (Bl).

B. canadense Hayw. Montreal Isl. VI (C).

B. carinula Chaud. Argenteuil Co. (D'Ur).

B. cautum Lec. Montreal Isl. (C).

B. chalceum Dej. Chambly Co. VI-VII (C); Montreal Isl. V (C); Terrebonne Co. (Hau).

B. concolor Kirby. Terrebonne Co. (Hau); Chambly Co. VI-VII (C); Montreal Isl. VI (C).

B. dentellum Thunb. Montreal Isl. VI (c); Jesus Isl. VII (C); Terrebonne Co. (Hau); Chambly Co. (C); Vaudreuil Co. VI (St).

B. fugax Lec. Ottawa Co. VII (Bl).

B. graciliforme Hayw. Jesus Isl. V(C); Montreal Isl. V-VI (C); Vaudreuil Co. V (C).

B. guexi Chaud. Montreal Isl. (C); Ottawa Co. IV (Bl).

B. honestum Say. Jesus Isl. VI (C); Chambly Co. (Be); Ottawa Co. IV (Bl).

B. inaequale Say. Joliette Co. (O); Terrebonne Co. (Hau); Montreal Isl. (O); Ottawa VII (Bl). Argenteuil Co. VI (W).

B. intermedium Kirby. St. Johns Co. X (Bl); Ottawa Co. VII (Bl).

B. littorale Oliv. St. Johns Co. (C); Jesus Isl. VI (C); Chateauguay Co. VII (C) Ottawa; Co. VIII (Bl).

B. lucidum Lec. Levis Co. VII (C); Terrebonne Co. (Hau); Montreal Isl. VI (C); Argenteuil Co. (D'Ur).

B. muscicola Hayw. Rouville Co. VII (C); Jesus Isl. IX (C); Montreal Isl. VII-X (C); Vandreuil Co. VIII (C).

B. nigrum Say. Chateauguay Co. VII (C).

B. nitidum Kirby. Chicoutimi (P); Laurentian Mts., Terrebonne Co. (O); Vaudreuil Co. VII (C); Two Mountains Co. VI (C); Ottawa VI (Bl).

B. patruele Dej. Argenteuil Co. (D'Ur).

B. picipes Kirby. Levis Co. (Fy); St. Johns Co. (C); Montreal Isl. (O);

B. punctatostriatum Say. Joliette Co. (O); Montreal Isl. VII (C); Argenteuil Co. (D'Ur).

B. quadrimaculatum Linn. Terrebonne Co. (Hau); Jesus and Montreal Isl. IV-VII (C); St. Johns Co. IX (C); Vaudreuil Co. VI (C); Ottawa Co. IX (Bl)

B. scopulinum Kirby. Jesus Isl. IX (C); Montreal Isl. VIII, IX (C); Chateauguay Co. VII (C)

B. semistriatum Hald. St. Johns Co. (C).

B. simplex Lec. Ottawa Co. VI (Bl).

B. ustulatum Linn. Rouville Co. V (C); St. Johns Co. IV-VI (C); Montreal Isl. IV-V (C).

B. variegatum Say. Rimouski Co. VII (C); Terrebonne Co. (Hau); Brome Co. (M); Montreal Isl. IV-X (C); Chateauguay Co. VII (C); Ottawa Co. VIII (Bl).

B. versicolor Lec. Rimouski Co. VII (C); Levis Co. VII (C) ; Rouville Co. (C); Montreal and Jesus Isl. IV-X (C); Two Mountains Co. VI (C); Ottawa Co. X (Bl);

TACHYS Schaum.

T. flavicauda Say. Montreal Isl. VI (C); St. Hyacinthe Co. VII (C); Vaudreuil Co. VI-VII (C); Two Mountains Co. VI (C).

T. granarius Dej.. Montreal Isl. (O).

T. incurvus Say. Rouville Co. V (C); Jesus Isl. VI (C); Vaudreuil VI (C).

T. laevus Say. Montreal Isl. V-VI (C).

T. nanus Gyll. Chambly Co. IV (C); Montreal Isl. IV-V (C); Vaudreuil Co. VI (St).; Ottawa Co. VII (Bl).

T. proximus Say. Montreal Isl. (C).

T. tripunctatus Say. Rouville Co. (C).

T. xanthopus Dej. Ottawa Co. VII (Bl).

PATROBUS Dej.

P. longicornis Say. Matane Co. (Bell); Montmagny Co. (Bell); Rouville Co. VII (C); Stanstead Co. VI (Bl); Montreal Isl. V (C); Argenteuil Co. VI (D'Ur); Ottawa Co. IX (Bl).

P. rugicollis Rand. Rouville Co. (P).

TRECHUS Clairv.

T. chalybeus Mann. Stanstead Co. IX (Bl).

T. rubens Fabr. Isl. of Orleans (Hm).

MYAS Dej.

M. cyanescens Dej. Rouville Co. VI (C); Montreal Isl. (O).

PTEROSTICHUS Bon.

P. adoxus Say. Terrebonne Co. (Hau); Rouville Co. VI (C); Vaudreuil Co. VII (C); Ottawa Co. VIII (Bl);

P. caudicalis Say. Terrebonne Co. (Hau); Chambly Co. V (C); Montreal Isl. IV-VI (C); Chateauguay Co. VII (C); Two Mountains Co. VI (C); Argenteuil Co. (D'Ur); Ottawa Co. IV (Bl).

P. convexicollis Say. Rimouski (Be); Ottawa Co. V (Bl).

P. coracinus Newm. Terrebonne Co. (Hau); Rouville Co. VI (C); St. Johns Co. VI (C); Montreal Isl. VI-VII (C); Argenteuil Co. (Bell); Ottawa Co. V (Bl).

P. corvinus Dej. Rimouski Co. VII (C); Levis Co. (Bell); Terrebonne Co. (Hau); Brome Co. VII (W); Rouville Co. IX (C); Jesus Isl. IV-V (C); Vaudreuil Co. (C); St. Johns Co. V (Bl); Ottawa Co. V (Bl).

P. erythropus Dej. Rimouski Co. VII (C); Levis Co. (Bell); Rouville Co. VI (C); Montreal Isl. IV-V-IX (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur); Ottawa Co. VI (Bl).

P. femoralis Kirby. Rimouski Co. VII (C); St. Johns Co. VI (C); Montreal Isl. IV-VI (C); Two Mountains Co. VI (C).

P. honestus Say. Terrebonne Co. (Hau); Sherbrooke Co. (Beg).

P. lachrymosus Newm. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. (O).

P. luctuosus Dej. Stanstead Co. IX (Bl); Terrebonne Co. (Hau); St. Johns Co. V (C); Chambly Co. VI (C); Rouville Co. IX (C); Montreal Isl. V-VI (C); Jesus Isl. IV (Bl).

P. lucublandus Say. Matane Co. (Bell); Rimouski Co. VII (C); Levis Co. VII (C); Terrebonne Co. (Hau); Rouville Co. V-VIII (C); Chambly Co. V-X (C); Jesus and Montreal Isl. IV-IX (C); Two Mountains Co. (Bl); Argenteuil Co. (D'Ur); Ottawa Co. IX (Bl).

P. luczotii Dej. Matane Co. (Bell); Rimouski Co. VII (C); Levis Co. (Ro); Brome Co. VII (W); Argenteuil Co. (D'Ur).

P. mandibularis Kirby. Temiscouata Co. (Bell).

P. moestus Say. Rouville Co. (C); Ottawa Co. IX (Bl).

P. mutus Say. Levis Co. (Fy); Terrebonne Co. (Hau); St. Johns Co. V-VI (C); Rouville Co. V (Bl); Montreal Isl. IV V-X (C); Vandreuil Co. VI (C); Ottawa Co. IV (Bl).

P. orinomum Kirby. Matane Co. (Bell); Rimouski Co. VII (C); Temiscouata Co. (Bell); Levis (Fy); Terrebonne Co. (Hau); Argenteuil Co. (D'Ur).

P. patruelis Dej. Laurentian Mts., Terrebonne Co. VIII (C); Jesus Isl. (C); Montreal Isl. VI (C); Argenteuil Co. (D'Ur); Ottawa Co. VI (Bl).

P. pennsylvanicus Lec. Rouville Co. V (C); Terrebonne Co. V (Bl).

P. punctatissimus Rand. Rimouski Co. V (Be).

P. sayi Brullé. Vandreuil Co. (Des); Two Mountains Co. VI (C).

P. scrutator Lec. St. Hyacinthe Co. V (C); Montreal Isl. IX (C); Jesus Isl. VI (C); Argenteuil Co. (D'Ur).

P. stygicus Say. Terrebonne Co. (Hau).

P. vitreus Dej. Montreal Isl. (C); Ottawa Co. IX (Bl).

AMARA Bon.

A. angustata Say. Terrebonne Co. (Hau); Stanstead Co. (M); St. Johns Co. V (C); Chambly Co. V-VI (C); Montreal Isl. V-VII (C); Argenteuil Co. (Bell); Ottawa Co. VII (Bl).

A. apricarius Payk. Montreal Isl. (O); Jesus Isl. IV (C); Ottawa Co. VII (Bl).

A. arenaria Lec. St. Hyacinthe Co. (P).

A. avida Say. St. Johns Co. (C); Montreal Isl. (C).

A. cupreolata Ptz. Rimouski Co. (Be); St. Johns Co. IX (Bl).

A. cylindrica Lec. Ottawa Co. IX (Bl).

A. exarata Dej. Terrebonne Co. (Hau); Vaudreuil Co. (C); Chambly Co. V (Bl).

A. fallax Lec. Matane Co. (Bell); Rimouski Co. (C); Terrebonne Co. (Hau); Montreal Isl VI (C); St. Johns Co. V (Bl); Ottawa Co. IX (Bl).

A. impunctcollis Say. Rimouski Co. VII (C); Montmagny Co. (Bell); Terrebonne Co. (Hau); Rouville Co. V-VI (C); St. Johns Co. VI (C); Montreal Isl. V-VII (C); Argenteuil Co. (D'Ur); Ottawa Co. VI (Bl).

A. interstitialis Dej. Matane Co. (Bell); Levis Co. (C); Chambly Co. VII (C); Terrebonne Co. (Hau); Montreal Isl. IV-VII (C); Argenteuil (D'Ur).

A. latior Kirby. St. Hyacinthe VI (C); Rouville Co. VII (C); St. Johns VIII (C); Montreal Isl. (O); Ottawa Co. VII (Bl).

A. musculus Say. Chambly Co. VIII (C)); Montreal Isl. VII (C); Ottawa Co. VII (Bl).

A. obesa Say. Terrebonne Co. (Hau); St. Hyacinthe Co. VII (C); Montreal Isl. (C); Vaudreuil Co. VII (C); Ottawa Co. VI (Bl).

A. pallipes Kirby. Rimouski Co. (Bell); Sherbrooke Co. (Be); Ottawa Co. VI (Bl).

A. polita Lec. Jesus Isl. V (Bl).

A. protensa Putz. Montreal Isl. (O); St. Johns Co. VI (Bl).

A. rubrica Hald. St. Johns Co. (C).

DIPLOCHILA Brullé.

D. alternans Casey. Montreal Isl. IX (C); Jesus Isl. VIII (C).

D. impressicollis Say. Montreal Isl. (C); St. Hyacinthe Co. (P); St. Johns Co. X (Bl).

D. laticollis Lec. Terrebonne Co. (Hau); St. Hyacinthe Co. (P); Montreal Isl. VI (C).

DICAELUS Bon.

D. elongatus Bon. Ottawa Co. VII (Bl).

D. politus Dej. Rouville Co. VI (C).

D. teter Bon. St. Johns Co. IX. (Bl.)

BADISTER Clairv.

B. micans Lec. Montreal Isl. V (C); Jesus Isl. VI (C); St. Johns Co. V (C).

B. notatus Hald. Montreal Isl. (O); Jesus Isl. V (C); Vaudreuil Co. VIII (C).

B. pulchellus Lec. Isl. of Orleans (Fy); Terrebonne Co. (Hau); Montreal Isl. V-IX (C); Ottawa Co. VII (Bl).

CALATHUS Bon.

C. gregarius Say. Matane Co. (Bell); Rimouski Co. (Bell); Terrebonne Co. (Hau); Ottawa Co. V (Bl); Jesus Isl. V (Bl); Montrea lIsl. VIII (C); Vaudreuil Co. (C); Argenteuil Co. (Bell).

C. impunctatus Say. Montreal Isl. (O); Jesus Isl. (C).

C. ingratus Dej. Rimouski (Be); Terrebonne Co. V (Bl).

C. quadricollis Lec. Ottawa Co. V (Bl).

PLATYNUS Bon.

P. aeruginosus Dej. Rouville Co. VI (C); Jesus Isl. VII (C).

P. affinis Kirby. Terrebonne Co. (Hau); St. Johns Co. V (C); Jesus Isl. VI (C); Montreal Isl. IV-V (C); Ottawa Co. VI (Bl).

P. anchomenoides Rand. Montreal Isl. VII (C); Chambly Co. VI (C); Vaudreuil Co. (Des).

P. atratus Lec. Montreal Isl. IV-V (C); St. Johns Co. (C); Chambly Co. V (C).

P. bogemanni Gyll. St. Maurice Co. (Gm); Rouville Co. VII (C); St. Johns Co. VI (C); Montreal Isl. VII-VIII (C); Argenteuil Co. (D'Ur.); Ottawa Co. VII (Bl); Two Mountains Co. (Bl).

P. cincticollis Say. Chambly Co. VII (C); Rouville Co. V (C).

P. crenistriatus Lec. Montreal Isl. (C).

P. cupripennis Say. Rimouski Co. VII (C); Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. IV-IX (C); Rouville Co. VI (C); Vaudreuil Co. (C); Two Mountains Co. VI (C).

P. deceptivus Lec. Vaudreuil Co. (O).

P. decorus Say. Montreal Isl. (O); Ottawa Co. VI (Bl). Argenteuil Co. VI (W).

P. errans Say. Terrebonne Co. (Hau); Montreal Isl. (O).

P. excavatus Dej. Rouville Co. V (C); Montreal Isl. VI (C); Vaudreuil Co. VI (C)

P. extensicollis Say. Matane Co. (Bell); Terrebonne Co. (Hau); Ottawa Co. VIII (Bl)
Var. viridis Lec. Rouville Co. V-VI (C); Montreal Isl. VI (C); Vaudreuil Co. VII (C); Two Mountains Co. VI (C).

P. fraterculus Lec. Rouville Co. V (C); St. Johns Co. VI (C); Jesus Isl. VIII (C); Montreal Isl. V-VI (C).

P. hardyi Lec. Sherbrooke Co. (Be).

P. lutulentus Lec. Sherbrooke Co. V (C); Rouville Co. V (C); Jesus Isl. VI (C); Montreal Isl. IV-V (Be); Vaudreuil Co. V (St); Ottawa Co. VIII (Bl).

P. maurus Mots. Montreal Isl. VII (C).

P. melanarius Dej. Levis Co. VII (C); Terrebonne Co. (Hau); St. Hyacinthe Co. VI (C); St. Johns Co. V-VI (C); Montreal Isl. VI-X (C); Two Mountains Co. VI (C); Chambly Co. V (Bl).

P. metallescens Lec. Terrebonne Co. (Hau); Huntingdon Co. (O).

P. nigriceps Lec. St. Johns Co. (C).

P. nutans Say. Rouville Co. V (C); St. Johns Co. VI (C); Montreal Isl. (S).

P. obscurus Hbst. Jesus Isl. VI (C); Montreal Isl. IV-VI (C); Two Mountains Co. VI (C)

P. octopunctatus Fabr. Montreal Isl. V (C); Vaudreuil Co. V-VII (C).

P. picipennis Kirby. Matane Co. (Bell); Montmagny Co. (Bell); Montreal Isl. IV-VI (C); Jesus Isl. V (C).

P. placidus Say. Matane Co. (Bell); Levis (Fy); Rouville Co. V (C); Montreal Isl. V-VII (C); Vaudreuil Co. VI (C); Two Mountains Co. VI (C); Ottawa Co. VII (Bl).

P. punctiformis Say. Montreal (O).

P. quadripunctatus Deg. Rouville Co. VI (C); St. Johns Co. V (C); Montreal Isl. V-VII (C); Vaudreuil Co. VI (St); Ottawa Co. VII (Bl).

P. reflexus Lec. St. Johns (C).

P. retractus Lec. Temiscouata Co. (Bell); Montmagny Co. (Bell); Montreal Isl. (C); Argenteuil Co. (D'Ur).

P. rubripes Zimm. Quebec (P); Montreal Isl. (St).

P. ruficornis Lec. St. Johns Co. V (C); Chambly Co. VI (C); Montreal Isl. IV-V-IX (C); Vaudreuil Co. (Des); Two Mountains Co. VI (C).

P. sinuatus Dej. Rimouski Co. (Bell); Levis Co. (Ro); Rouville Co. V (St); Sherbrooke Co. V (C); Montreal Isl. V-IX (C); Vaudreuil Co. VI (C); Two Mountains Co. VI (C); Argenteuil Co. V-VI (D'Ur).

P. sordens Kirby. Jesus Isl. V (C); Montreal Isl. IV-V (C).

OLISTHOPUS Dej.

O. parmatus Say. Montreal (O).

O. micans Lec. Vaudreuil Co. (S).

GALERITA Fabr.

G. janus Fabr. Levis Co. (Fy); Montreal Isl. (Be); Vaudreuil Co. (St).

LEBIA Latr.

L. atriventris Say. Rouville Co. VII (C); Montreal Isl. VII-IX, at light (C).

L. fuscata Dej. Montreal Isl. (C).

L. furcata Lec. Rouville Co. VI (C).

L. grandis Hentz. Montreal Isl. (Be).

L. oranata Say. St. Hyacinthe Co. VII (C); Rouville Co. VIII (C); Montreal Isl. (O).

L. pulchella Dej. St. Johns Co. VII (C); Jesus Isl. VII (C).

L. pumila Dej. Laurentian Mts. Terrbonne Co. VIII (C); Brome Co. VIII (M); Rouville Co. VI (St.); Montreal Isl. V-VII (C); Two Mountains Co. VI (C).

L. scapularis Dej. Rouville Co. VII (C).

L. tricolor Say. Isl. of Orleans (Fy); Joliette Co. (O); St. Johns Co. (C); Montreal Isl. IV-V (C).

L. viridis Say. St. Johns Co. VI (C); Rouville Co. V-VII (C); Montreal Isl. IV-VI (C); Vaudreuil Co. V (S); Argenteuil Co. (D'Ur).

L. vittata Fabr. Rouville Co. VI (C).

DROMIUS Bon.

D. piceus Dej. Huntingdon Co. (O).

APRISTUS Chaud.

A. cordicollis Lec. Rouville Co. (C).

BLECHRUS Mots.

B. glabratus Duft. Chambly Co. V (C); Jesus Isl. VII (St.); Montreal Isl. IV-V-IX (C).

METABLETUS Sch-Goeb.

M. americanus Dej. Joliette Co. (O).

AXINOPALPUS Lec.

A. biplagiatus Dej. Rouville Co. V (C); Montreal Isl. V (C).

CALLIDA Dej.

C. decora Fabr. Rouville Co. VII (St).

C. punctata Lec. Rouville Co. VI (C).

PLOCHIONUS Dej.

P. timidus Hald. Vaudreuil Co. (Des).

PINACODERA Schaum.

P. platicollis Say. Portneuf Co. (P).

CYMINDIS Latr.

C. borealis Lec. Terrebonne Co. (Hau).

C. cribricollis Dej. Gaspé Co. (Hm); Matane Co. VII (W); Quebec (Hm); Terrebonne Co. (Hau); Montreal Isl. V (C); Vaudreuil Co. (O); Argenteuil Co. (Bell).

C. neglecta Hald. Montreal Isl. (O); Jesus Isl. (C).

C. pilosa Say. Jesus Isl. VIII (C).

BRACHYNUS Web.

B. ballistarius Lec.. Ottawa Co. (Bl).

B. conformis Dej. Montreal Isl. (Ritchie).

B. cordicollis Dej. Isl. of Orleans (Fy); Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal Isl. (C); Jesus Isl. IV (Bl).

B. fumans Fabr. Isl. of Orleans (Fy); St. Johns Co. VII (C) Terrebonne Co. (Hau); Jesus Isl. VII (C).

B. medius Harris. Jesus Isl. IV (Bl).

B. minutus Harr. Vaudreuil Co. (O).

B. perplexus Dej. St. Johns Co. VII (C)

CHLAENIUS Bon.

C. impunctifrons Say. Terrebonne Co. (Hau); Rouville Co. VI (St); Montreal Isl. VIII-X (C); Jesus Isl. IX (C); Argenteuil Co. V (D'Ur).

C. leucoscelis Chev. Terrebonne Co. (Hau); Chambly Co. VI (C).

C. nemoralis Say. Stanstead Co. IX (Bl).

C. niger Rand. Chicoutimi Co. (P); Portneuf Co. (P); Montreal Isl. IV -IX (C); Jesus Isl. VIII (C).

C. pennsylvanicus Say. Terrebonne Co. (Hau); Sherbrooke Co. V (C); Rouville Co. (St); Montreal Isl. V-VI (C); Jesus Isl. VIII (C); Two Mountains Co. (C); Ottawa VI (Bl).

C. sericeus Forst. Rimouski Co. VII (C); Montmagny Co. (Bell); Levis Co. Fy; Terrebonne Co. (Hau); Rouville Co. VI-VII (C); Vaudreuil Co. (Des); Argenteuil Co. (Bell).

C. solitarius Say. Quebec (Fy); Montreal Isl. (C).

C. tomentosus Say. Terrebonne Co. (Hau); Montreal Isl. (O).

C. tricolor Dej. Montmagny Co. (Bell); Levis Co. (Fy); Terrebonne Co. (Hau); Stanstead Co. IX (Bl); St. Johns Co. VI (C); Montreal Isl. V-VII (C); Two. Mountains Co. VI (C); Argenteuil Co. (Bell).

ANCMOGLOSSUS Chd.

A. emarginatus Say. Terrebonne Co. (Hau); Montreal Isl. (C).

BRACHYLOBUS Chd.

B. lithophilus Say. Rimouski Co. VII (C); Levis Co. (Hm); Terrebonne Co. (Hau); Montreal Isl. (St); Jesus Isl. VII (C).

LACHNOCREPIS Lec.

L. parallelus Say. Montreal Isl. V (C); Vaudreuil Co. V (St).

OODES Bon.

O. fluvialis Lec. St. Johns Co. (C).

AGONODERUS Dej.

A. lineola Fabr. Terrebonne Co. (Hau).

A. pallipes Fabr. Levis Co. (Fy); Terrebonne Co. (Hau); Chambly Co. V (C); Rouville Co. V (C); Montreal Isl. IV-VI (C); Two Mountains Co. VI (C).

A. partiarius Say. Rouville Co. (St).

HARPALUS Latr.

H. caliginosus Fabr. Joliette Co. VII (Bl); Terrebonne Co. (Hau); Chambly Co. (C); St. Johns Co. (C).

H. erraticus Say. Montreal Isl. (Be); Vaudreuil Co. (C);

H. fallax Lec. Rouville Co. (C).

H. faunus Say. Montreal Isl. (O); Vaudreuil Co. (O).

H. herbivagus Say. Rimouski Co. (Be); Temiscouata Co. (Sa); Montreal Isl. (O); Jesus Isl. V (Bl); Argenteuil Co. (Bell).

H. laticeps Lec. Rimouski Co. (Be); St. Maurice Co. (Gm); Montreal Isl. (O); Vaudreuil Co. V (S).

H. megacephalus Lec. Temiscouata Co. (Bell).

H. pennsylvanicus De G. Rouville Co. VI (C); Chambly Co. VIII (C); Montreal Isl. VII-IX (C); Vaudreuil Co. VII (St); Argenteuil Co. (Bell); Ottawa Co. (Bl).

var. **compar** Lec.

St. Maurice Co. (Gm); Montreal Isl. VII (C); Vaudreuil Co. (Des); Two Mountains Co. VI (C).

var. **erythropus** Dej.

Rouville Co. VI (C); St. Johns Co. (C); Montreal Isl. VI-VII (C); Jesus Isl. V (Bl).

H. pleuriticus Kirby. St. Johns Co. VI (C); Montreal Isl. IV-V (O); Vaudreuil Co. (S).

H. rufimanus Lec. Matane Co. (Bell); Portneuf Co. (P); Montreal Isl. (O).

H. vagans Lec. Chambly Co. VIII (St); Montreal Isl. VIII-IX (C); Two Mountains Co. VI (C)

H. varicornis Lec. Laurentian Mts. Terrebonne Co. VII (O).

H. viridiaeneus Beauv. Matane Co. (Bell); Rimouski Co. VII (C); Terrebonne Co. (Hau); Brome Co. VII (VV); Rouville Co. (C); Montreal Isl. VII-IX (C); Vaudreuil Co. VII (St); Ottawa Co. (Bl).

H. vulpeculus Say. Rouville Co. (C); Vaudreuil Co. (O).

SELENOPHORUS Dej.

S. opalinus Lec. Rouville Co. VI (C).

STENOLOPHUS Dej.

S. conjunctus Say. Terrebonne Co. (Hau); Rouville Co. V (C); St. Johns Co. VI (C); Montreal Isl. IV-V-IX (C); Vaudreuil Co. V (C); Ottawa Co. IV (Bl).

S. fuliginosus Dej. Terrebonne Co. (Hau); Montreal Isl. IV-V (C); Jesus Isl. V (St).

S. ochropezus Say. Rouville Co. (C); Montreal Isl. IV (S); Jesus Isl. IV (Bl).

ACUPALPUS Lec.

A. carus Lec. Montreal Isl. (C).

A. hydropicus Lec. Jesus Isl. VI (C); Chambly Co. V (C).

BRADYCELLUS Er.

B. cognatus Gyll. Gaspé Co. (Hm); Terrebonne Co. (Hau); Vaudreuil Co. VI (C).

B. cordicollis Lec. Montreal Isl. IV (Bl).

B. nigriceps Lec. Chambly Co. V (C); Montreal Isl. IV (C); Jesus Isl. IV-VI (C).

B. rupestris Say. Rouville Co. V (C); St. Johns Co. IV-V (C); Montreal Isl. V-VI (C); Vaudreuil Co. V (St); Ottawa Co. IV (Bl).

TACHYCELLUS Moraw.

T. badiipennis Hald. Chambly Co. V (C); Montreal Isl. IV (C); Jesus Isl. V (C).

T. kirbyi Horn. Montreal Isl. V-VI (C); Vaudreuil Co. VI (C).

T. nigrinus Dej. Sherbrooke Co. V (C); Rouville Co. V (C); Montreal Isl. (C).

ANISODACTYLUS Dej.

A. agricola Say. Terrebonne Co. (Hau); Vaudreuil Co. VI (C).

A. baltimorensis Say. Terrebonne Co. (Hau); Sherbrooke Co. V (C); St. Johns Co. V-VI (C); Montreal Isl. IV-VI (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur).

A. carbonarius Say. St. Johns Co. (C).

A. discoideus Dej. Terrebonne Co. (Hau); St. Johns Co. VI (C); Rouville Co. VI (C);

A. harrisii Lec. Montmagny Co. (Bell); Levis Co. (Bell); St. Johns Co. (C); Montreal Isl. IV-V (C); Argenteuil Co. (Bell).

A. interpunctatus Kirby. Rouville Co. VII (C); Montreal Isl. (O); Jesus Isl. (Bl); Vaudreuil Co. (S).

A. interstitialis Say. Joliette Co. (O); Montreal (Be).

A. lugubris Dej. Sherbrooke Co. (Be); Montreal Isl. (O).

A. nigrita Dej. Rouville Co. IX (C); Montreal IV-VII (C); Jesus Isl. V (St); Vaudreuil Co. V (S).

A. nitidipennis Lec. Jesus Isl. IV (Bl).

A. rusticus Say. Terrebonne Co. (Hau); Montreal Isl. (O); Montmorency Co. VI (Be).

A. terminatus Say. Joliette Co. (O); Montreal Isl. (O); Ottawa Co. VII (Bl).

A. verticalis Lec. Rouville Co. VI (C); St. Johns Co. VI (C).

Family HALIPLIDAE

These small beetles live in stagnant water; they are yellowish with blackish spots.

HALIPLUS Latr.

H. borealis Lec. Montreal Isl. (O).

H. cribrarius Lec. Joliette Co. (O); Chambly Co. VII (C); Montreal Isl. VI-VIII (C) Jesus Isl. VII (C).

H. longulus Lec. Montreal Isl. (O); Jesus Isl. VII (C).

H. ruficollis De G. Rouville Co. VII (C); St. Johns Co. VIII (C); Montreal Isl. VI-X (C) Jesus Isl. VII (C); Argenteuil Co. V (D'Ur).

H. triopsis Say. Terrebonne Co. (Hau); Rouville Co. (St); Montreal Isl. VIII-IX (C) Vaudreuil Co. (C).

CNEMIDOTUS Er.

C. duodecempunctatus Say. Montreal Isl. VIII-IX (C); Jesus Isl. IX (C); Vaudreuil Co. VIII (C).

C. edentuius Lec. Montreal Isl. VIII (C); St. Johns Co. X (Bl).

C. muticus Lec. St. Johns Co. (C); Montreal Isl. (O).

Family DYTISCIDAE

These insects, larvae and adults, are also aquatic; some species prefer running water while others will be found only in stagnant water. They are predatory, oval in shape, the posterior legs oar-like. They vary much in size, some minute (*Bidessus*) while *Dytiscus harrisii* attains nearly one inch and a quarter. They are black or brown in color often with yellowish bands or spots.

LACCOPHILUS Leach.

L. maculosus Germ. Terrebonne Co. (Hau); Rouville Co. V (C); St. Johns Co. VIII (C); Chambly Co. VII (C); Montreal Isl. V-IX (C).

L. proximus Say. St. Johns VIII (C).

HYDROVATUS Mots.

H. cuspidatus Germ. Jesus Isl. VII (C).

DESMOPACHRIA Bab.

D. convexa Aubé. Montreal Isl. VIII-IX (C); Jesus Isl. IX (C); Chateauguay Co. VII (St).

BIDESSUS Sharp.

B. affinis Say. Chambly Co. VII (C); Montreal Isl. VIII (C); Jesus Isl. VII-VIII (C).

B. fuscatus Cr. Montreal Isl. VIII (C); Chambly Co. VIII (C).

B. granarius Aubé. Jesus Isl. VII (C).

COELAMBUS Thom.

C. dispar Lec. Montreal Isl. VII-VIII (C); Jesus Isl. IX (C).

C. impressopunctatus Sch. Rouville Co. (C); St. Johns Co. VIII (C); Montreal Isl. VI-IX (C).

C. inaequalis Fabr. Montreal Isl. (O).

C. nubilus Lec. St. Johns Co. VIII (C); Montreal Isl. (O).

C. punctatus Say. Chambly Co. VIII (C); Montreal Isl. VI-IX (C); Vaudreuil Co. VII (C).

C. turbidus Lec. Montreal Isl. (O); Chambly Co. VIII (C).

DERONECTES Sharp.

D. catascopium Say. Montreal Isl. (O).

HYDROPORUS Clairv.

H. alpinus Payk. Chicoutimi Co. (P).
H. clypealis Sharp. Rouville Co. IX (C); Montreal VIII (C); Jesus Isl. IX (C).
H. consimilis Lec. Montreal Isl. (O).
H. dichrous Melsh. Montreal Isl. (C).
H. difformis Lec. St. Johns Co. (C).
H. integer Sharp. Montreal Isl. VII-IX (C); Jesus Isl. IX (C).
H. modestus Aubé. St. Johns Co. VIII (C); Rouville Co. IX (C); Montreal Isl. VI-X (C) Jesus Isl. VI-X (C).
H. perplexus Sharp. Montreal Isl. (C).
H. pulcher Lec. Montreal Isl. VIII (C); Vaudreuil Co. (O).
H. signatus Mann. Joliette Co. (O); Rouville Co. IX (C); Montreal Isl. VIII-IX (C); Jesus Isl. IX (C).
H. solitarius Sharp. Montreal Isl. VII-VIII (C); Jesus Isl. VIII (C).
H. tartaricus Lec. Joliette Co. (O).
H. tenebrosus Lec. Montreal Isl. VII (C).
H. tristis Payk. Rouville Co. VI-VII (C); Montreal Isl. VII (C).
H. undulatus Say. Rouville Co. IX (C); Montreal VII-IX (C).
H. vilis Lec. Montreal Isl. (O).

ILYBIUS Er.

I. angustior Gyll. Joliette Co. (O).
I. biguttatus Germ. Rouville Co. VII (C); Chambly Co. (St); Montreal and Jesus Isl. VII IX (C); Vaudreuil Co. VII (C).
I. subaeneus Er. Montreal Isl. (C).

COPTOTOMUS Say.

C. interrogatus Fabr. Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal and Jesus Isl. VII-IX (C); Vaudreuil Co. VII (C); Argenteuil Co. (D'Ur).

ILYBIOSOMA Cr.

I. bifarius Ky. Montreal Isl. (O).

COPELATUS Er.

C. glyphicus Say. St. Johns Co. VIII (C); Montreal Isl. IX (C).

MATUS Aubé.

M. bicarinatus Say. Chambly C. VII (C).

AGABUS Leach.

A. desintegratus Cr. Jesus Isl. VII (C).
A. erichsoni G. & H. Joliette Co. (O); Rouville Co. VIII (C); Jesus Isl. VII (St).
A. erythropterus Aubé. Jesus Isl. VIII (C).
A. gagates Aubé. Rouville Co. VII (C); Chambly Co. VIII (C); Jesus Isl. VII (C).
A. obtusatus Say. St. Hyacinthe Co. (P); Terrebonne Co. (Hau.)
A. punctulatus Aubé. Montreal Isl. VI-VIII (C); Jesus Isl. VIII (C).
A. reticulatus Ky. Montreal VIII-IX (C).
A. seriatus Say. Portneuf Co. (P); Montreal Isl. (C).

SCUTOPTERUS Esch.

S. hornii Cr. Montreal Isl. (O).

RHANTUS Esch.

R. binotatus Harr. Montreal Isl. VII (C); Jesus Isl. VIII (C); Vaudreuil Co. VII (C).
R. bistriatus Bergst. Montreal Isl. (C).
R. calidus Fabr. St. Johns Co. VII (C).

COLYMBETES Clairv.

C. longulus Lec. Jesus Isl. VIII (C); Montreal Isl. (O).
C. sculptilis Harr. Levis Co. (Fy); Terrebonne Co. (Hau); Chambly Co. VII (C); Montreal and Jesus Isl. VII-IX (C).

HYDATICUS Leach.

H. piceus Lec. Montreal Isl. (C).
H. stagnalis Fabr. St. Johns Co. VI (C); Montreal Isl. IV-VIII (C).

DYTISCUS Linn.

D. dauricus Gebl. Matane Co. (Bell).
D. fasciventris Say. St. Johns Co. (C); Montreal Isl. VIII (C); Vaudreuil Co. VIII (St).
D. harrisii Kirby. Chambly Co. IX (C); Montreal Isl. VIII (C).
D. hybridus Aubé. Jesus Isl. VIII (C).
D. sublimbatus Lec. Terrebonne Co. (Hau).
D. verticalis Say. Montreal Isl. (O)

ACILIUS Leach.

A. fraternus Harr. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VII-IX (C) Argenteuil Co. (Bell).

A. semisulcatus Aubé. Jesus Isl. VII-VIII (C); Chambly Co. VIII (St).

THERMONECTES Esch.

T. basilaris Harr. St. Johns Co. (C).

GRAPHODERES Esch.

G. cinereus Linn. Vaudreuil Co. VIII (C).

Family GYRINIDAE

The insects of this family are also aquatic and are found swimming on the surface of the water. They are black or bronzed and predatory in habit.

GYRINUS Linn.

G. analis Say. Montreal Isl. (O).

G. borealis Aubé. Montreal Isl. (C); Chateauguay Co. VII (C); Ottawa Co. (Fy).

G. dichrous Lec. St. Johns Co. (C); Montreal Isl. (O).

G. limbatus Say. Jesus Isl. (C).

G. minutus Fabr. Joliette Co. VII (Bl); Montreal Isl. VI (C); Vaudreuil Co. VII (C).

G. picipes Aubé. Jesus Isl. (C).

G. ventralis Kirby. Terrebonne Co. (Hau); Joliette Co. VII (Bl).

DINEUTES MacL.

D. assimilis Aubé. Brome Co. (W); Rouville Co. VII (C); St. Johns Co. VII-VIII (C); Jesus Isl. VII (St).

D. discolor Aubé. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VI (O).

D. hornii Roberts. St. Johns Co. (C); Montreal Isl. VII (C).

Family HYDROPHILIDAE

Nearly all the species belonging to this family are aquatic; the others are generally found in dung. They are very convex above, smooth and polished while a few are more elongate, the surface rough and pitted. The hind legs are not fitted for swimming as in the two preceding families.

HELEPHORUS Fabr.

H. angustulus Mann. Joliette Co. (O); Montreal Isl. (O).

H. inquinatus Mann. Rouville Co. VII (C); Montreal Isl. (O).

H. lacustris Lec. Terrebonne Co. (Hau); St. Johns Co. VII (C); Chambly Co. VIII (St); Montreal and Jesus Isl. VII-IX (C).

H. lineatus Say. Jesus Isl. VII (C); Montreal Isl. VII-VIII (C); Vaudreuil Co. VII (C).

H. oblongus Lec. Chambly Co. (Gm).

H. tuberculatus Gyll. Terrebonne Co. (Hau); Montreal Isl. (O).

HYDROCHUS Leach.

H. excavatus Lec. Montreal Isl. VIII (C).

H. squamifer Lec. Montreal Isl. VII (C); Jesus Isl. VII (C).

HYDRAENA Kug.

H. pennsylvanica Kies. Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal Isl. (C)

HYDROPHILUS Geoff.

H. triangularis Say. Terrebonne Co. (Hau); Montreal Isl. (C).

TROPISTERNUS Sol.

T. dorsalis Brullé (nimbatus Say). Montreal Isl. (C).

T. ellipticus Lec. Portneuf (P).

T. glaber Hbst. Levis Co. (Fy); Chambly Co. and St. Johns Co., VII-VIII (C); Montreal Isl VII-IX (C); Vaudreuil Co. VII (C).

T. mixtus Lec. Montreal Isl. VIII (C).

HYDROCHARIS Latr.

H. obtusatus Say. Levis Co. (Fy); Terrbonne Co. (Hau); Rouville Co. VII (C); St. Johns Co VII (C); Montreal Isl. IV-VII-VIII (C).

BEROSUS Leach.

B. peregrinus Hbst. Terrebonne Co. (Hau); Montreal Isl. (C).

B. striatus Say. Terrebonne Co. (Hau); Chambly Co. VIII (St); Montreal and Jesus Isl. VII-IX (C); Vaudreuil Co. VII (C).

LACCOBIUS Er.

L. agilis Rand. Montreal Isl. VIII-IX (C).

PHILHYDRUS Sol.

P. bifidus Lec. Montreal and Jesus Isl. IV-VII-IX (C); Vaudreuil Co. VII (C).

P. cinctus Say. St. Johns Co. VIII (C); Montreal Isl. VII (C); Argenteuil Co. (D'Ur).

P. hamiltoni Horn. Montreal Isl. VII (C).

P. nebulosus Say. Rouville Co. VII (C); Jesus Isl. VIII (C).
P. ochraceus Mels. Montreal Isl. VIII (C).
P. perplexus Lec. St. Johns Co. VII (C); Montreal Isl. VI (C).

HYDROCOMBUS Sharp.

H. finbriatus Mels. Montreal Isl. IV (C).

HYDROBIUS Leach.

H. fuscipes Linn. Levis Co. (Fy), Terrebonne Co. (Hau), Chambly Co. VII (St), Montreal Isl. VI-IX (C), Vaudreuil Co. VII (C).
H. globosus Say. Terrebonne Co. (Hau), Montreal Isl. VIII (C).
H. tessellatus Ziegl. Montreal Isl. (O).

CRENIPHILUS Mots.

C. digestus Lec. Montreal Isl. VII (C), St. Johns Co. VIII (C).
C. infuscatus Mots. Montreal Isl. (O).
C. subcupreus Say. Montreal Isl. VII-VIH (C).

SPHAERIDIUM Fabr.

S. scarabaeoides Linn. Rouville Co. VI (C), St. Johns Co. V (C), Montreal and Jesus Isl. VI-VIII (C), Wright Co. (Simpson).

CERCYON Leach.

C. anale Payk. Montreal Isl. V (C).
C. haemorrhoidalis Fabr. Rouville Co. IX (C), Montreal Isl. VII (C).
C. posticatum Mann. Terrebonne Co. (Hau).
C. praetextatum Say. Montreal Isl. V-VI (C).
C. pygmaeum Ill. St. Johns Co. (C), Montreal Isl. V (C), Vaudreuil Co. VI (C).
C. unipunctatum Linn. Laurentian Mts., Terrebonne Co. VIII (C), Montreal Isl. (O).

CRYPTOPLEURUM Muls.

C. minutum Fabr. Terrebonne Co. (Hau), St. Hyacinthe Co. VII (C), St. Johns Co. V-VII (C), Montreal Isl. V-IX (C), Vaudreuil Co. (C), Two Mountains Co. VI (C).

Family SILPHIDAE

These insects generally called "carrion-beetles" live on dead animal matter or on decaying fungi. The species of *Necrophorus* also commonly known as "burrying beetles," are conspicuous by their large size.

NECROPHORUS Fabr.

N. marginatus Fabr. Terrebonne Co. (Hau), Montreal Isl. VIII-IX (C).

N. orbicollis Say. Levis Co. (Fy), Terrebonne Co. (Hau); Montreal Isl. VII (C); Vaudreuil Co. V (C).

N. sayi Lap. St. Johns Co. (C); Argenteuil Co. (D'Ur).

N. tomentosus Weber. Matane Co. (Bell); Levis Co. (Fy); Chambly Co. VI (C); Montreal Isl. VI-VIII (C).

N. vespilloides Hbst. Levis Co. (Fy); Terrebonne Co. (Hau).

SILPHA Linn.

S. americana Linn. Brome Co. VII (W); Terrebonne Co. (Hau); St. Hyacinthe Co. VI (C); Rouville Co. VII (C); Montreal Isl. V-VIII (C); Vaudreuil Co. VI (St).

S. inaequalis Fabr. Levis Co. VII (C); Terrebonne Co. (Hau); Montreal Isl. VII (C).

S. lapponica Hbst. Kamouraska Co. (Bell); Brome Co. VII (W); Terrebonne Co. (Hau); Montreal Isl. IV-V (C); Vaudreuil Co. VII (C).

S. noveboracensis Forst. Levis Co. (Fy); Brome Co. VII (W); Terrebonne Co. (Hau); Chambly Co. VI (C); St. Johns Co. VI-VII (C); Montréal Isl. VI-IX (C); Agrenteuil Co. (Bell).

S. surinamensis Fabr. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VI-VII-VIII (C) Argenteuil Co. (Bell).

CHOLEVA Latr.

C. basilaris Say. Montreal V (C).

C. clavicornis Lec. Isl. of Orleans V (Hm); St. Johns Co. (C); Montreal Isl. V-VI (C).

C. terminans Lec. Sherbrooke Co. (Be); Montreal Isl. V (C).

PRIONOCHAETA Horn.

P. opaca Say. Montreal Isl. (C).

PTOMAPHAGUS Ill.

P. parasitus Lec. Jesus Isl. (Be).

COLON Hbst.

C. dentatum Lec. St. Johns Co. (C).

C. pusillum Horn. Rouville Co. V (C).

ANISOTOMA Ill.

A. collaris Lec. Laurentian Mts. Terrebonne Co. (O).

LIODES Lat.

L. basalis Lec. Rouville Co. VII (C); Montreal Isl. (O).
L. discolor Melsh. Montreal (O).
L. globosa Lec. Chambly Co. VII (C).
L. obsoleta Horn. Chambly Co. VII (C).
L. polita Lec. Montreal Isl. (O).

AGATHIDIUM Ill.

A. oniscoides Beauv. Montreal Isl. (O).
A. politum Lec. Montreal Isl. (O).
A. revolvens Lec. Montreal (O).

CLAMBUS Fisch.

C. gibbulus Lec. Montreal Isl. (O).
C. puberulus Lec. St. Johns. Co. (C).

Family SCYDMAENIDAE

Small insects generally found in decaying vegetation, under logs, etc.

PYCNOPHUS Casey.

P. rasus Lec. Montreal Isl. (O).

CONNOPHRON Casey.

C. fossiger Lec. Montreal Isl. IV (C); Chambly Co. V (C).

Family PSELAPHIDAE

Small insects found in decaying vegetation, under stones and sometimes in ant's nests. These beetles, owing to their very small size, have not been much collected. A large number of species should occur with us.

CEOPHYLLUS Lec.

C. monilis Lec. Montreal Isl. (O).

DECARTHRON Brend.

D. abnorme Lec. Montreal Isl. VI (C).
D. formiceti Lec. Montreal Isl. (O).

RYBAXIS Saulcy.

R. conjuncta Lec. Montreal Isl. (O).

REICHENBACHIA Leach.

R. rubricunda Aubé. Montreal Isl. V (C).

BATRISODES Reitt.

B. ferox Lec. Montreal Isl. IV (C).

EUPLECTUS Leach.

E. confluens Lec. St. Johns Co. (C).

SOGNORUS Reit.

S. piceus Lec. Montreal Isl. IV (C).

Family STAPHYLINIDAE

These beetles are ot once recognized by their very short wing covers leaving most of the abdomen exposed and by their elongate form. They feed on decaying animal and vegetable substances, dung, fermenting sap, and are classed as beneficial. Some are very small and have not been much collected.

GYROPHAENA Mann.

G. affinis Fauv. Ottawa Co. IX (Bl). Montreal Isl. VIII (Be).
G. corruscula Er. St. Johns Co. V (Bl).
G. socia Er. Terrebonne Co. (Hau).
G. vinula Er. Terrebonne Co. (Hau).

PLACUSA Er.

P. tricuspis Fauv. Ottawa Co. VI (Bl).

HOMALOTA Mann.

H. plana Gyll. Ottawa Co. IX (Bl); Montreal Isl. VIII (Be).

BOLITOCHARA Mann.

B. blanchardi Casey. Ottawa Co. VIII (Bl.)

FALAGRIA Mann.

F. dissecta Er. St. Johns Co. IV-V (C); Montreal Isl. IX (C); Ottawa Co. VI (Bl).
F. laeviuscula Lec. Stanstead Co. IX (Bl); Montreal Isl. V (Bl).

MERONERA Sharp.

M. venustula Er. Montreal Isl. (O); Chambly Co. V (Be).

TACHYUSA Er.

T. modesta Fauv. Ottawa Co. X (Bl); Montreal Isl. IX (Be).

PONTOMALOTA Casey.

P. opaca Lec. Ottawa Co. IX (Bl).

ATHETA Thoms.

A. aenula Er. Ottawa Co. VII (Bl).
A. antennaria Fauv. Stanstead Co. IX (Bl).
A. curticornis Fauv. Stanstead Co, IX (Bl),
A. dichroa Grav. Ottawa Co. VII (Bl).
A. dimidiata Fauv. Ottawa Co. VI (Bl); Montreal Isl. IX (Bl).
A. fungi Grav. Stanstead Co. IX (Bl); St. Johns Co. V (Bl); Ottawa Co. VI (Bl); Montreal Isl. IX (Bl).
A. hornii Fauv. St. Johns Co. IV (Bl).
A. sordida Marsh. Ottawa Co. VII (Bl); Montreal Isl. IX (Be).

TINOTUS Sharp.

T. morion Grav. Ottawa Co. VII (Bl).

XENODUSA Wasm.

X. cava Lec. Rouville Co. V (St); Montreal Isl. (St).

OXYPODA Mann.

O. abbreviata Fauv. Ottawa Co. VIII (Bl).

MASEOCHARA Sharp.

M. livida Lec. Ottawa Co. VII (Bl).

ALEOCHARA Grav.

A. bimaculata Grav. Terrebonne Co. (Hau); Chambly Co. VII (C); Jesus Isl. VI (C); Ottawa Co. VII (Bl).

A. defecta Casey. Ottawa Co. IX (Bl).

A. lata Grav. Stanstead Co. IX (Bl); Terrebonne Co. (Hau); Montreal Isl. (Be); Vaudreuil Co. VI (C).

A. sulcicollis Mann. Stanstead Co. IX (Bl).

POLYSTOMA Steph.

P. maritima Casey. Rimouski Co. (O).

BARYODMA Thoms.

B. ontarionis Casey. Stanstead Co. (Bl).

ACYLOPHORUS Nordm.

A. pronus Er. St. Johns Co. VIII (C); Montreal Isl. IX (C).

HETEROTHOPS Steph.

H. fumigatus Lec. Terrebonne Co. (Hau); Montreal Isl. (O); St. Johns Co. X (Bl).

QUEDIUS Steph.

Q. capucinus Grav. Vaudreuil Co. V (C); Ottawa Co. VIII (Bl).

Q. explanatus Lec. Ottawa Co. VII (Bl).

Q. laevigatus Gyll. Terrebonne Co. (Hau); Montreal Isl. (O); Ottawa Co VII (Bl).

Q. molochinus Grav. Quebec (Hm); Montreal Isl. (Ritchie, List of Col., 1869).

Q. sublimbatus Makl. Montreal Isl. (O).

Q. vernix Lec. Montreal Isl. VIII-IX (C); Jesus Isl. VIII (C); Terrebonne Co. VII (W).

LISTOTROPHUS Perty.

L. capitatus Bland. Rouville Co. VII (C); Vaudreuil Co. (O); Ottawa Co. VIII (Bl).

L. cingulatus Grav. Levis Co. (Fy); Terrebonne Co. (Hau); St. Hyacinthe Co. VII (C); Rouville Co. V-VII (C); Montreal and Jesus Isl. V-IX (C); Vaudreuil Co. VI (C); Ottawa Co. VII (Bl).

CRÉOPHILUS Kirby.

C. villosus Grav. Matane Co. VII (W); Levis Co. (Fy); Terrebonne Co. (Hau); Brome Co. VII (W); Sherbrooke Co. V (C); Montreal Isl. IV-VII (C); Ottawa Co. VII (Bl).

STAPHYLINUS Linn.

S. badipes Lec. Levis Co. VII (C); Terrebonne Co. (Hau); Rouville Co. IV-VII (C); St. Johns Co. VII (C); Montreal Isl. IV-VII (C); Ottawa Co. VI (Bl).

S. caesareus Cederh. Montreal Isl. (O); Ottawa Co. X (Bl);.

S. cinnamopterus Grav. Chambly Co. VI (C); Montreal Isl. (C); Ottawa Co. VII (Bl).

S. fossator Grav. Levis Co. (Fy); Laurentian Mts., Terrebonne Co. (O); Montreal Isl. (Be); Vaudreuil Co. (O); Stanstead Co. IX (Bl).

S. maculosus Grav. Rouville Co. V-VII (C); Jesus Isl. V (Bl); Ottawa Co. VI (Bl).

S. mysticus Er. Jesus Isl. V (Bl); Vaudreuil Co. (O);

S. saphyrinus Lec. Ottawa Co. VII (Bl).

S. violaceus Grav. Terrebonne Co (Hau); Montreal Isl. (O); St. Johns Co. VI (Bl); Vaudreuil Co. V (C); Ottawa Co. VII (Bl).

S. viridans Horn. Terrebonne Co. (Hau); Joliette Co. (O); Vaudreuil Co. (O).

S. vulpinus Nordm. Rouville Co. V (C); Montreal Isl. (Be); Vaudreuil Co. (O); Ottawa Co. VIII (Bl).

OCYPUS Kirby.

O. ater Grav. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. (O); Jesus Isl. V (Bl).

BELONUCHUS Nordm.

B. formosus Grav. Montreal Isl. (O).

PHILONTHUS Curt.

P. apicalis Say. Sherbrooke Co. V (C).

P. aeneus Rossi. Levis Co. (Fy); Laurentian Mts, Terrebonne Co. VI (C); Brome Co. VII (W); Rouville Co. (C); Montreal Isl. IV-VI (C); Two Mountains Co. VI (C).

P. agilis Grav. Ottawa Co. VII (Bl).

P. aurulentus Horn. Rouville Co. V (C); Ottawa Co. IX (Bl).

P. blandus Grav. Terrebonne Co. (Hau); St. Johns Co. (C); Vaudreuil Co. V (C).

P. brunneus Grav. Montreal Isl. (O); Ottawa Co. VII (Bl).

P. cephalotes Grav. Vaudreuil Co. (O); Ottawa Co. IX (Bl).

P. cyanipennis Fabr. Terrebonne Co. (Hau); Montreal Isl. V-VII (C); Vaudreuil Co. (St); Argenteuil Co. (D'ler).

P. debilis Grav. Montreal Isl. (O); Stanstead Co. IX (Bl).

P. discoideus Grav. Vaudreuil Co. (O).

P. finitimus Casey. Ottawa Co. VII (Bl).

P. fulvipes Fabr. Stanstead Co. IX (Bl).

P. furvus Nord. Laurentian Mts. Terrebonne Co. VIII (C); St. Johns Co. VII (C); Montreal Isl. VI (C); Stanstead Co. IX (Bl).

P. fuscipennis Mann. Joliette Co. VII (Bl); Ottawa Co. VI (Bl).

P. fusiformis Melsh. Montreal Isl. (O); Ottawa Co. X (Bl).

P. hudsonicus Horn. Laurentian Mts. Terrebonne Co. V (Bl).

P. laetulus Say. Terrebonne Co. (Hau); Montreal Isl. (Be); Ottawa Co. IX (Bl).

P. lomatus Er. Terrebonne Co. (Hau); Chambly Co. V (C); St. Johns Co. V-VI (C); Montreal Isl. V-VII (C); Two Mountains Co. (C); VI Ottawa Co. VII (Bl).

P. longicornis Steph. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O); Ottawa Co. VII (Bl).

P. micans Grav. Montreal Isl. IX (C); Ottawa Co. VIII (Bl).

P. nigritulus Grav. Ottawa Co. VI (Bl).

P. occidentalis Horn. Ottawa Co. IX (Bl).

P. palliatus Grav. Ottawa Co. VI (Bl).

P. pettiti Horn. Montreal Isl. (O); Ottawa Co. VII (Bl).

P. picipennis Makl. Vaudreuil Co. (O).

P. politus Lin. Ottawa Co. V (Bl).

P. pubes Horn. Ottawa Co. V (Bl).

P. quadricollis Horn. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O).

P. quisquilarius Gyll. Ottawa Co. X (Bl).

P. schwartzi Horn. St. Johns Co. (C); Montreal Isl. IV (C); Ottawa Co. VIII (Bl).

P. sericinus Horn. St. Johns Co. VI (C); Montreal Isl. (O); Ottawa Co. VI (Bl).

P. sordidus Grav. Terrebonne Co. (Hau); Montreal Isl. (O); Ottawa Co. VIII (Bl).

P. theveneti Horn. Ottawa Co. IX (Bl).

P. thoracicus Grav. Ottawa Co. VI (Bl).

P. varians Payk. Montreal Isl. (O).

P. ventralis Grav. Terrebonne Co. (Hau).

P. vernalis Casey. Ottawa Co. VII (Bl).

ACTOBIUS Steph.

A. nanus Horn. Montreal Isl. (O).

A. sobrinus Er. Montreal Isl. IV (C); Ottawa Co. VIII (Bl).

CAFIUS Steph.

C. canescens Makl. Ottawa Co. IX (Bl).

C. lithocharinus Lec. Jesus Isl. V (Bl).

XANTHOLINUS Serv.

X. cephalus Say. Terrebonne Co. (Hau); Montreal Isl. (C).

X. emmesus Grav. Rouville Co. (C); Montreal Isl. (O).

X. fulgidus Fabr. Montreal Isl. (O).

X. hamatus Say. Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal Isl. (C); Ottawa Co. VI (Bl).

X. macilentus Casey. Ottawa Co. IV (Bl).

X. obscurus Er. Terrebonne Co. (Hau); Montreal Isl. VI-VII (C); Vaudreuil Co. VI (C)

X. obsidianus Melsh. Terrebonne Co. (Hau); Chambly Co. (C); Montreal Isl. VII (C).

X. picipennis Lec. Ottawa Co. V (Bl).

X. punctulatus Payk. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O); St. Johns Co. V (Bl).

LEPTACINUS Er.

L. batychrus Gyll. Montreal Isl. (O).

L. nigritulus Lec. Montreal Isl. (O); Ottawa Co. VII (Bl).

BAPTOLINUS Kratz.

B. longiceps Fauv. Laurentian Mts. Terrebonne Co. (O).

B. macrocephalus Nord. Terrebonne Co. (Hau).

STENUS Lat.

S. annularis Er. Terrebonne Co. (Hau); Ottawa Co. VIII (Bl).

S. atomarius Casey. St. Johns Co. (C).

S. femoratus Say. Terrebonne Co. (Hau); Ottawa Co. VI (Bl).

S. flavicornis Er. Rouville Co. V-VI (C); Montreal Isl. V-VII (C); Vaudreuil Co. VII (C); Two Mountains Co. VI (C); Ottawa Co. (Bl).

S. humilis Er. Ottawa Co. VII (Bl).

S. inornatus Casey. Ottawa Co. IX (Bl).

S. juno Fabr. Rouville Co. V (C); St. Johns Co. (C); Vaudreuil VII (St); Ottawa Co. VII (Bl).

S. pinguis Casey. Ottawa Co. VII (Bl).

S. punctatus Er. Vaudreuil Co. (O).

S. pusio Casey. Montreal Isl. (O).

S. reconditus Casey. Chambly Co. (O).

S. scrupeus Casey. Ottawa Co. IV (Bl).

S. sculptilis Casey. Ottawa Co. IV (Bl).

S. stygicus Say. Chambly Co. (O); Montreal Isl. (O); Ottawa Co. V (Bl).

S. tarsalis Lyngh. Ottawa. Co. VII (Bl).

S. tristis Casey. Ottawa Co. IX (Bl).

CRYPTOBIUM Mann.

C. bicolor Grav. Terrebonne Co. (Hau); St. Johns Co. (C).

C. cribratum Lec. St. Hyacinthe Co. (P); Rouville Co. V (C); Montreal Isl .IV-V (C); Ottawa Co. IV (Bl).

C. pallipes Grav. Terreboune Co. (Hau); Montreal Isl. IV-VI (C); Jesus Isl. V (C); Vauderuil Co. (C).

LATHROBIUM Grav.

L. anale Lec. Ottawa Co. VI (Bl).
L. angulare Lec. Montreal Isl. (O).
L. armatum Say. Montreal Isl. (C).
L. collare Er. Joliette Co. (O); Montreal Isl. IV (C); Jesus Isl. V (C); Ottawa Co. VI (Bl).
L. dimidiatum Say. Terrebonne Co. (Hau).
L. grande Lec. Terrebonne Co. (Hau).
L. jacobinum Lec. Ottawa V. (Bl).
L. longiventre Casey. Jesus Isl. VI (Bl).
L. nigrum Lec. Terrebonne Co. (Hau); Ottawa Co. VIII (Bl).
L. obtusum Casey. Ottawa Co. IX (Bl).
L. picescens Casey. Jesus Isl. (Bl).
L. punctulatum Lec. Terrebonne Co. (Hau); St. Johns Co. V (C); Montreal Isl. VI (C).
L. quadratum Payk. Ottawa Co. VIII (Bl).
L. simile Lec. Rouville Co. (C); Montreal Isl. (O).
L. simplex Lec. Terrebonne Co. VI (Bl).; Montreal Isl. (O); Vaudreuil Co. (O).
L. terminatum Grav. Ottawa Co. V (Bl).

SCOPAEUS Er.

S. exiguus Er. Terrebonne Co. (Hau); Montreal Isl. (O).

STILICUS Latr.

S. angularis Lec. St. Johns VI (C).
S. dentatus Say. Montreal Isl. VI (C).

LITHOCHARIS Er.

L. confluens Say. Rouville Co. V (C); Montreal and Jesus Isl. IV-VI (C); Vaudreuil Co. (St); Ottawa Co. VI (Bl).
L. ochracea Grav. Montreal Isl. (O).

PAEDERUS Grav.

P. compotens Lec. Ottawa Co. VII (Bl).
P. littorarius Grav. Terrebonne Co. (Han); St. Johns V (C); Montreal Isl. IV-V (C); Vaudreuil Co. V (C); Ottawa Co. V. (Bl). Generally in colonies.

SUNIUS Steph.

S. binotatus Say. Jesus Isl. (C); Montreal Isl. (O); Ottawa Co. VI (Bl).
S. discopunctatus Say. Montreal Isl. IV (C); St. Johns Co. V (C).

PINOPHILUS Grav.

P. latipes Grav. Vaudreuil Co. V (C).

TACHINUS Grav.

T. addendus Horn. St. Hyacinthe Co. (P).

T. fimbriatus Grav. Laurentian Mts. Terrebonne Co. (O); Ottawa Co. VI (Bl).

T fiavipennis Dej. Terrebonne Co. (Han); St. Hyacinthe Co. VII (C); St. Johns Co. VII (C); Montreal Isl. (O).

T. fumipennis Say. Portneuf Co. (P); Montreal Isl. (O); Argenteuil Co. VI (D'Ur); Ottawa Co. VII (Bl).

T. limbatus Melsh. Joliette Co. (O); Montreal Isl. (O); Ottawa Co. VIII (Bl).

T. luridus Er. Portneuf Co. (P); Montreal Isl. (O); Vaudreuil Co. (O); Ottawa Co. VIII (Bl).

T. memnonius Grav. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O); Chambly Co. V (Bl).

T. nitiduloides Horn. Laurentian Mts. Terrebonne Co. (O).

T. pallipes Grav. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O).

T' picipes Er. Laurentian Mts. Terrebonne Co. (O).

T. tachyporoides Horn. Ottawa Co. VIII (Bl).

TACHYPORUS Grav.

T. chrysomelinus Linn. Chambly Co. V (C); Rouville Co. V (C); Montreal and Jesus Isl. IV-VI (C); Vaudreuil Co. V (C); Ottawa Co. IX (Bl).

T. elegans Horn. Montreal Isl. IV (C).

T. jocosus Say. Terrebonne Co. (Han); Stanstead Co. IX (Bl); Montreal Isl. (C).

T. macropterus Steph. Montreal Isl. (O).

T. maculipennis Lec. Montreal Isl. IV-V (C).

T. mitidulus Favr. Montreal Isl. (O).

CILEA Duval.

C. silphoides Linn. Chambly Co. VII (C); Montreal Isl. (O); Ottawa Co. VI (Bl).

ERCHOMUS Mots.

E. ventriculus Say. Terrebonne Co. (Hau); Rouville Co. VI (C); Chambly Co. VII (C); Montreal Isl. V-VI (C); Vaudreuil Co. VII (C); Ottawa Co. VIII (Bl).

CONOSOMA Kraatz.

C. basale Er. Terrebonne Co. (Hau).

C. crassum Grav. Terrebonne Co. (Hau); Montreal Isl. (O); Vaudreuil Co. (O); St. Johns Co. IV (Bl).

C. littoreum Linn. Montreal Isl. (O).
C. opicum Say. Vaudreuil Co. (O).
C. pubescens Payk. Montreal Isl. (O); Stanstead Co. IX (Bl).

BOLETOBIUS Leach.

B. anticus Horn. Laurentian Mts. Terrebonne Co. (O).
B. cincticollis Say. Terrebonne Co. (Hau).
B. cinctus Grav. Terrebonne Co. (Hau); Montreal Isl. (O); Vaudreuil Co. (C); Stanstead Co. IX (Bl).
B. exoletus Er. Laurentian Mts. Terrebonne Co. (O); Ottawa Co. IX (Bl).
B. intrusus Horn. Montreal Isl. (O); Ottawa Co. IX (Bl).
B. quaesitor Horn. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O).
B. trinotatus Er. Montreal Isl. (O).

BRYOPORUS Kraatz.

B. rufescens Lec. Montreal Isl. (O); Vaudreuil Co. (O).

MYCETOPORUS Mann.

M. americanus Er. St. Johns Co. (C).
M. consors Lec. Montreal Isl. (O).
M. flavivollis Lec. Ottawa Co. VI (Bl).

OLISTHAERUS Heer.

O. substriatus Gyll. Ottawa Co. VI (Bl).

OXYPORUS Fabr.

O. bicolor Fauv. Laurentian Mts. Terrebonne Co. (O).
O. fasciatus Melsh. Montreal Isl. (O).
O. femoralis Grav. Montreal Isl. (O); Vaudreuil Co. (St); Ottawa Co. VI (Bl).
O. lateralis Grav. Montreal Isl. (O); Ottawa Co. VII (Bl).
O. major Grav. Montreal Isl. (O); Ottawa Co. X (Bl).
O. rufipennis Lec. St. Hyacinthe Co. (P).
O. stygicus Say. Terrebonne Co. (Han); Ottawa Co. VI (Bl).
O. vittatus Grav. Laurentian Mts. Terrebonne Co. (O); Rouville Co. VI (C).

BLEDIUS Leach.

B. armatus Er. Ottawa Co. V (Bl).
B. basalis Lec. Jesus Isl. (C).
B. laticollis Lec. Ottawa Co. V (Bl).
B. semiferrugineus Lec. Montreal Isl. (O).

PLATYSTETHUS Mann.

P. americanus Er. Terrebonne Co. (Hau); Rouville Co. VI (C); Chambly Co. VII (C); Montreal Isl. VII (C).

OXYTELUS Grav.

O. fuscipennis Mann. Vaudreuil Co. (O).
O. insignitus Grav. Montreal Isl. (O).
O. laquaetus Marsh. Ottawa Co. IX (Bl).
O. nitidulus Grav. Laurentian Mts. Terrebonne Co. (O).
O. pennsylvanicus Er. Argenteuil Co. (D'Ur).
O. rugosus Grav. Montreal Isl. (O); Ottawa Co. VI (Bl).
O. sculptus Grav. Terrebonne Co. (Hau); Rouville Co. VII (C); Montreal Isl. (O); Ottawa Co. VI (Bl).

TROGOPHLOEUS Mann.

T. quadripunctatus Say. St. Johns Co. VII (C); Montreal Isl. (C).
T. memnonius Erich. Montreal Isl. V (C).

COPROPHILUS Er.

C. striatulus Fabr. Montreal Isl. (O).

ACIDOTA Steph.

A. crenata Fabr. Laurentian Mts. Terrebonne Co. (O); Chambly Co. (O).
A. subcarinata Er. Montreal Isl. (O).

ARPEDIUM Er.

A. cribratum Fauv. Montreal Isl. (C); Vaudreuil Co. (O).

OLOPHRUM Er.

O. obtectum Er. Montreal Isl. V (C).
O. rotundicolle Sahlb. Laurentian Mts. Terrebonne Co. (O).

HOMALIUM Grav.

H. humerosum Fauv. Montreal Isl. (O); Ottawa Co. VII (Bl).
H. lapponicum Zett. Joliette Co. (O); Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O).
H. rufipes Fauv. Joliette Co. (O); Huntingdon Co. (O).

ANTHOBIUM Leach.

A. convexum Fauv. Rimouski Co. (O); Joliette Co. (O); Montreal Isl. (O).

MEGARTHRUS Steph.

M. americanus Sach. Laurentian Mts. Terrebonne Co. (O).

GLYPTOMA Er.

G. costale Er. Montreal Isl. (O).

TRIGA Fauv.

T. picipennis Lec. Rouville Co. (C); Vaudreuil Co. (C).

MICROPEPLUS Lat.

M. tesserula Curt. Montreal Isl. (O).

Family TRICHOPTERYGIDAE

Very small insects found in decaying vegetable matter.

PTENIDIUM Er.

P. pusillum Gyll. Montreal Isl. (O).

TRICHOPTERYX Kirby.

T. haldemanni Lec. Montreal Isl. (O).

Family SCAPHIDIIDAE

These insects live in fungi, rotten wood, etc.

SCAPHIDIUM Oliv.

S. quadriguttatum Say. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. IV (C).

SCAPHISOMA Leach.

S. convexa Say. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (Be).
S. suturalis Lec. Montreal Isl. (O).

Family PHALACRIDAE

Small beetles, very convex in shape, found on flowers, under bark and sometimes under stones.

PHALACRUS Payk.

P. ovalis Lec. Vaudreuil Co. (O).

P. politus Melsh. Vaudreuil Co. (O).

P. pumilio Lec. Huntingdon Co. (O).

OLIBRUS Er.

O. pallipes Say. Terrebonne Co. (Hau); Rouville Co. VII (C); St. Johns Co. VII (C); Montreal Isl. VII-VIII (C).

O. semistriatus Lec. Montreal Isl. VII (C).

ACYLOMUS Sharp.

A. ergoti Casey. Montreal Isl. IV (C).

EUSTILBUS Sharp.

E. apicalis Melsh. St. Johns Co. VI (C); Montreal Isl. IV (C).

E. nitidus Melsh. Terrebonne Co. (Hau); Montreal Isl. IV (C).

Family CORYLOPHIDAE

Very small insects varying in shape and living in decaying vegetation.

SACIUM Lec.

S. lugubre Lec. Montreal Isl. (O).

S. lunatum Lec. Montreal Isl. (O).

SERICODERUS Steph.

S. flavidus Lec. Montreal Isl. (O).

ORTHOPERUS Lec.

O. glaber Lec. Montreal. Isl. (O).

Family COCCINELLIDAE

The insects of this family are commonly known as "lady-birds" or "lady-bugs"; they are more or less hemispherical and convex in shape; many are prettily marked with black spots. They feed on plant lice and are greatly beneficial.

ANISOSTICTA Dup.

A. strigata Thunb. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. V-VI (V); Vaudreuil Co. (O).

MEGILLA Muls.

M. maculata DeG. Levis Co. (Fy); Vaudreuil Co. (Be).

HIPPODAMIA Muls.

H. convergens Guér. Montreal Isl. IX (C).

H. glacialis Fabr. St. Johns Co. (C).

H. parenthesis Say. Terrebonne Co. (Hau); Brome Co. (W); St. Hyacinthe Co. VII (C); Rouville Co. VI (C); Montreal and Jesus Isl. IV-IX (C); Two Mountains Co. VI (C).

H. 13-punctata Linn. Terrebonne Co. (Hau); Montreal Isl. IV-IX (C); Vaudreuil Co. V-VII (C); Argenteuil Co. VI (Ly).

COCCINELLA Linn.

C. novemnotata Hbst. Matane Co. (Bell); Terrebonne Co. (Hau); Rouville Co. VI (C); Brome Co. VII (W); St. Johns Co. V-VII (C); Montreal and Jesus Isl. V-VIII (C); Vaudreuil Co. VI (C).

C. sanguinea Linn. Terrebonne Co. (Hau); Sherbrooke Co. V (C); Montreal Isl. VI (C).

C. transversoguttata Fabr. Levis Co. (Fy); Laurentian Mts. Terrebonne Co. VII (C); Sherbrooke Co. V (C); Brome Co. VIII (M); Rouville Co. V (C); Montreal and Jesus Isl. VII-VIII (C); Vaudreuil Co. VII (C).

C. tricuspis Kirby. Brome Co. VIII (M); Montreal Isl. VI (C); Vaudreuil Co. VII (St).

C. trifasciata Linn. Rimouski Co. VII (C); Levis Co. (Fy); Laurentian Mts. Terrebonne Co. VII (C); Brome Co. VIII (M); Montreal Isl. V-VIII (C).

ADALIA Muls.

A. bipunctata Linn. Rimouski Co. VII (C); Levis Co. (Fy); Laurentian Mts. Terrebonne Co. VII (C); Rouville Co. V-VII (C); Montreal and Jesus Isl. IV-X (C); Argenteuil Co. VI (C).

A. frigida Schn. Isl. of Orleans (Hm); Brome Co. VII (W); Terrebonne Co. (Hau); Chambly Co. VII (C); St. Johns Co. VI (C); Montreal Isl. VI (C).

A. humeralis Say. Rouville Co. VI (Be); Ottawa Co. V (Be);

HARMONIA Muls.

H. 12-maculata Gebl. Portneuf Co. (P); Joliette Co. (O); Montreal Isl. (O).

H. 14-guttata Linn. Joliette Co. (O); Laurentian Mts. Terrebonne Co. (O); Huntingdon Co. (O)

var. **similis** Rand.

Huntingdon Co. (O).

H. picta Rand. Terrebonne Co. (Hau).

MYSIA Muls.

M. pullata Say. Gaspe Co. IX (Y); Rimouski Co. VII (J); Vaudreuil Co. (O).

ANATIS Muls.

A. ocellata Linn. Terrebonne Co. (Hau); Brome Co. VII (W); Rouville Co. VI (C); Montreal Isl. VI-VIII (C); Vaudreuil Co. (St); Hull, Ottawa Co. (H).

PSYLLOBORA Muls.

P. 20-maculata Say. Levis Co. (Fy); St. Johns Co. VI (C); Rouville Co. VI-VII(C); Montreal and Jesus Isl. VII (C); Vaudreuil Co. VI (C).

CHILOCORUS Leach.

C. bivulnerus Muls. Levis Co. (Fy); Terrebonne Co. (Hau);Chambly Co. V (C); Rouville Co VII (C); Montreal Isl. V-VII (C); Two Mountains Co. VI (C).

BRACHYACANTHA Chev.

B. 10-pustulata Melsh. Terrebonne Co. (Hau); Chambly Co. (St).

B. ursina Fabr. Levis Co. (Fy); Brome Co. VIII (W); Terrebonne Co. (Hau); Rouville Co. VI VII (C); Montreal Isl. VI-VII (C); Two Mountains Co. VI (C).

HYPERASPIS Chev.

H. fimbriolata Melsh. St. Hyacinthe Co. VI (C); Montreal V-VI (C).

H. lugubris Rand. Montreal Isl. (O).

H. proba Say. St. Johns Co. VI (C); Montreal Isl. (O)

H. signata Oliv. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Is. (O).

H. undulata Say. Montreal Isl. V (C).

SCYMNUS Kug.

S. americanus Muls. Montreal Isl. (O).

S. brullei Muls. St. Johns Co. (C).

S. caudalis Lec. Terrebonne Co. (Hau).

S. collaris Melsh. Rouville Co. V (C); Montreal Isl. V (C).

S. fraternus Lec. Montreal Isl. (O); Vaudreuil Co. VI (C).

S. haemorrhous Lec. Vaudreuil Co. VI (C).

S. punctum Lec. Montreal Isl. (O).

S. puncticollis Lec. Rouville Co. V (C); Montreal Isl. V-VI (C); Vaudreuil Co. V (C).

S. tenebrosus Muls. Rouville Co. VII-VIII (C); Montreal Isl. V-VII (C).

S. terminatus Say. Montreal Isl. VII (C).

COCCIDULA Kug.

C. lepida Lec. Huntingdon Co. (O).

Family ENDOMYCH DAE

The insects belonging to this family feed on fungi in both larvae and adult stages. They are small or medium in size, with reddish spots or bands.

MYCETAEA Steph.

M. hirta Marsh. Montreal Isl. (O); Laval Co. VIII (Be).

PHYMAPHORA Newm.

P. pulchella Newm. Terrebonne Co. (Hau); Montreal Isl. VIII-IX (C).

MYCETINA Muls.

M. perpulchra Newm. Portneuf Co. (P); Montreal Isl. (Be).

LYCOPERDINA Latr.

L. ferruginea Lec. Montreal Isl. IV-IX (C).

ENDOMYCHUS Panz.

E. biguttatus Say. Terrebonne Co. (Hau); St. Hyacinthe Co. VII (C); Rouville Co. VII (C); Montreal Isl. VI-VII (C); Vaudreuil Co. VI (C).

Family EROTYLIDAE

These beetles are also feeders in fungus with the exception of *Languria* which lives in the stems of plants. They are of medium or large size, generally with reddish markings.

LANGURIA Latr

L. mozardi Lat. Montreal Isl. (O).

DACNE Latr.

D. quadrimaculata Say. Rouville Co. VI (C); Vaudreuil Co. (O). Montreal Isl. VI (Be).

MEGALODACNE Cr.

M. fasciata Fabr. Rouville Co. VI (C); Vaudreuil Co. (O).

ISCHYRUS Lac.

I. quadripunctatus Oliv. Vaudreuil Co. (O).

MYCOTRETUS Lac.

M. dissimulator Cr. Montreal Isl. (O).
M. pulchra Say. Rouville Co. VI (C); Montreal Isl. VI (C); Laval Co. VIII (Be).

TRITOMA Fabr.

T. biguttata Say. Montreal Isl. VI (C).
T. flavicollis Lec. Montreal Isl. VI (C).
T. humeralis Fabr. St. Johns Co. VII (C).
T. thoracica Say. Terrebonne Co. (Hau); Brome Co. VII (W); Rouville Co. V (C); Vaudreuil Co. VI (C).

Family COLYDIIDAE

Small brownish insects found under the bark of dying or dead trees.

SYNCHITA Hellw.

S. fuliginosa Melsh. Montreal Isl. V (C); Two Mountains Co. VI (C).
S. granulata Say. Montreal Isl. (O).

DITOMA Ill.

D. quadriguttata Say. Rouville Co. (C).

CERYLON Latr.

C. castaneum Say. Rouville Co. VI (C); St. Johns Co. V (C); Jesus Isl. VI (C); Vaudreuil Co. VI (St).

PHILOTHERMUS Aubé.

P. glabriculus Lec. Rouville Co. VI-VII (C); Montreal Isl. V (C).

Family RHYSSODIDAE

Long slender beetles generally found under bark.

CLINIDIUM Kirby.

C sculptile Newm. Montreal Isl. (O).

Family CUCUJIDAE

This family is composed of flat and narrow beetles living under bark. *Silvanus surinamensis* lives in stored grain, dried fruits, etc., and is often very destructive.

SILVANUS Latr.

S. bidentatus Fabr. Montreal Isl. VI (C); Vaudreuil Co. V (C).

S. imbellis Lec. Montreal Isl. V-VI (C).

S. planatus Lec. Terrebonne Co. (Hau); Rouville Co. V (C).

S. surinamensis Linn. Montreal, in stored beans (C).

CATHARTUS Reich.

C. advena Waltl. Montreal Isl. (C).

NAUSIBIUS Redt.

N. dentatus Marsh. Terrebonne Co. (Hau); Montreal Isl. (C).

CATOGENUS Westw.

C. rufus Fabr. Rouville Co. (Be).

PEDIACUS Shuck.

P. depressus Hbst. Montreal Isl. (O).

P. fuscus Er. Terrebonne Co. (Hau); Montreal Isl. Argenteuil Co. (D'Ur).

CUCUJUS Fabr.

C. clavipes Fabr. Rouville Co. V (C); St. Johns Co. VI (C); Montreal Isl. VI (C); Argenteuil Co. (D'Ur).

LAEMOPHLAEUS Lap.

L. adustus Lec. Chambly Co. (O); St. Johns Co. VI (C); Montreal Isl. VI (C).

L. biguttatus Say. Terrebonne Co. (Hau); Sherbrooke Co. Be); Montreal Isl. VI (C); Vaudreuil Co. VII (C).

L. fasciatus Melsh. Terrebonne Co. (Hau).

L. testaceus Fabr. Rouville Co. V (C); Montreal Isl. (O).

DENDROPHAGUS Sch.

D. glaber Lec. Levis Co. (Ro); Montreal Isl. (Be).

BRONTES Fabr.

B. debilis Lec. Montreal Isl. (Be).

TELEPHANUS Er.

T. velox Hald. Montreal Isl, V (C)

Family CRYPTOPHAGIDAE

Small beetles found generally in fungi and decaying vegetable matter.

TELMATOPHILUS Heer.

T. americanus Lec. Montreal Isl. (O); Vaudreuil Co. (O).

LOBERUS Lec.

L. impressus Lec. Montreal Isl. (O).

TOMARUS Lec.

T. pulchellus Lec. Montreal Isl. VI (C).

ANTHEROPHAGUS Lat.

A. convexulus Lec. Vaudreuil Co. (O).

A. ochraceus Melsh. Terrebonne Co. (Hau); Rouville Co. VI (C); Jesus Isl. VI (St); Vaudreuil Co. VII (C).

HENOTICUS Thom.

H. serratus Gyll. Montreal Isl. (C).

CRYPTOPHAGUS Hbst.

C. cellaris Scop. Terrebonne Co. (Hau); Montreal Isl. (C).

C. quadridentatus Makl. St. Johns Co. (C).

COENOSCELIS Thom.

C. ferruginea Sahlb. Montreal Isl. (O).

ATOMARIA Steph.

A. ephippiata Zimm. Rouville Co. V (C); Montreal Isl. IV-V (C).

A. ochracea Zimm. Montreal Isl. (O).

Family MYCETOPHAGIDAE

A family containing beetles of small or moderate size, with yellowish markings. They are found under bark and in fungi.

MYCETOPHAGUS Hellw.

M. bipustulatus Melsh. Montreal Isl. V (C).

M. flexuosus Say. Terrebonne Co. (Hau); Rouville Co. VII (C); St. Johns. Co. VI (C); Montreal Isl. IV-VI (C); Vaudreuil Co. V (C).

M. pluriguttatus Lec. Rouville Co. VI (C).
M. pluripunctatus Lec. Sherbrooke Co. (Be.); Vaudreuil Co. V (C).
M. punctatus Say. Terrebonne Co. (Hau); Chambly Co. VI (C); Vaudreuil Co. V (C).

LITARGUS Er.

L. sexpunctatus Say. Vaudreuil Co. (O).
L. tetraspilotus Lec. Montreal Isl. (C).

TYPHOEA Steph.

T. fumata Linn. Montreal Isl. (O).

Family DERMESTIDAE

The insects of this family are small or medium in size, black, more or less covered with whitish hair or scales. They feed in all stages on stored animal and vegetable products and are very destructive. Some species are found on the carcasses of dead animals after the soft parts have disappeared; others occur in abundance on flowers. They are a great pest to entomological collections.

BYTURUS Latr.

B. unicolor Say. Rimouski Co. VII (C); Portneuf Co. (P); Terrebonne Co. (Hau); Montreal Isl. VI (C); Vaudreuil Co. VI (C).

DERMESTES Linn.

D. caninus Germ. St. Johns Co. (C); Montreal Isl. VI (C).
D. lardarius Linn. Every where in the province; in houses, on stored provisions, etc.
D. vulpinus Fabr. Sherbrooke Co. (Beg); Montreal Isl. VII (C).

ATTAGENUS Latr.

A. piceus Oliv. Occurs in houses; attacks woolens, carpets, etc.

TROGODERMA Latr.

T. tarsale Melsh. Montreal Isl. (C).

ANTHRENUS Geoffr.

A. musaeorum Linn. Terrebonne Co. (Hau); Stanstead Co. (M); Montreal Isl. VII (C) Vaudreuil Co. (O); Argenteuil Co. (D'Ur).
A. scrophulariae Linn. St. Johns Co. VI (C).
A. verbasci Linn. (*varius* Fabr.) Montreal Isl. (Be).

Family HISTERIDAE

This family is composed of black shining, short, chunky beetles having the elytra truncate behind. They live in excrement and in decomposing animal and vegetable substances; some are flattened and are found under bark. They are small to moderate in size.

HISTER Linn.

H. abbreviatus Fabr. Sherbrooke Co. (C) Terrebonne Co. (Hau); Montreal Isl. V-VI (C); Vaudreuil Co. VI (C).

H. aequus Lec. Montreal Isl. (Be).

H. americanus Payk. Terrebonne Co. (Hau); Chambly Co. VII (C).

H. bimaculatus Linn. St. Johns. Co. VI (C); Montreal Isl. IV (C).

H. coarctatus Lec. Montreal Isl. (O).

H. cognatus Lec. St. Hyacinthe Co. VI (C); Rouville Co. V (C); Montreal Isl. (O); Jesus Isl. VI (St).

H. depurator Say. St. Johns Co. VI (C).

H. dispar Lec. Montreal Isl. VII (C); Vaudreuil Co. (O).

H. foedatus Lec. Levis Co. (Fy); Rouville Co. V (C); St. Johns Co. VI (C).

H. harrisii Kirby. Montreal Isl. (O).

H. interruptus Beauv. Levis Co. (Fy); Terrebonne Co. (Hau); Chambly Co. V (C); (Fy); Montreal Isl. VII (C).

H. lecontei Mars. Rouville Co. VI (C); Chambly Co. VI (C); Montreal and Jesus Isl. V-VII (C), Two Mountains Co; VI (C).

H. marginicollis Lec. Rouville Co. VI (C); Montreal V (C).

H. merdarius Hoffm. Terrebonne Co; (Hau), Montreal Isl. VII (C).

H. planipes Lec. Montreal Isl. (O).

H. sedecimstriatus Say. Rouville Co. VIII (C).

H. subrotundus Say. Montreal Isl. (O).

DENDROPHILUS Leach.

D. punctulatus Say. Montreal Isl. (O).

PAROMALUS Er.

P. aequalis Say. Rouville Co. V (C).

SAPRINUS Er.

S. assimilis Payk. St. Johns Co. VII (C); Montreal Isl. (C).

S. conformis Lec. Chateauguay Co. VII (C).

S. fraternus Say. Joliette Co. (O).

PLEGADERUS Er.

P. sayi Mars. Montreal Isl. (O).

P. transversus Say. Portneuf Co. (P); Montreal Isl. (Be).

Family NITIDULIDAE

Beetles of small or medium size, generally more or less flattened, the elytra truncate at apex leaving the tip of the abdomen exposed. Some species are convex and the elytra complete. They live in fungi, dry animal matter, under bark and in fermenting sap.

BRACHYPTERUS Er.

B. urticae Fabr. Montreal Isl. VI-VII on Nettle (C); Vaudreuil Co. VII (M).

CERCUS Latr.

C. abdominalis Er. Terrebonne Co. (O) Montreal Isl. (Be).

C. pennatus Murr. Terrebonne Co. (Hau); Rouville Co. V (C); Vaudreuil Co. (O).

CARPOPHILUS Steph.

C. brachypterus Say. Montreal Isl. (C); Vaudreuil Co. O().

C. corticinus Er. Vaudreuil Co. (O).

C. niger Say. Terrebonne Co. (Hau); St. Johns Co. V (C); Chambly Co. VI (C); Montreal Isl. V (C); Vaudreuil Co. (O); Argenteuil Co. (D'Ur).

COLASTUS Er.

C. morio Er. St. Johns Co. (C).

C. truncatus Rand. Terrebonne Co. (Hau); Montreal (C).

CONOTELUS Er.

C. obscurus Er. Montreal Isl. VII (C); Vaudreuil Co. VI-VII (C); in the flowers of *Convolvulus* (C).

EPURAEA Er.

E. aestiva Linn. St. Hyacinthe Co. (P).

E. ambigua Mühl. Chicoutimi Co. (P).

E. avara Rand. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. IV-V (C).

E. corticina Er. Vaudreuil Co. (O).

E. labilis Er. Chambly Co. V (C); Montreal Isl. VI (C).

E. rufa Say. Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal Isl. V-VI (C).

E. truncatella Mann. Montreal Isl. IV (C).

NITIDULA Fabr.

N. bipustulata Linn. Terrebonne Co. (Hau); St. Hyacinthe Co. VI (C); Jesus Isl. VI (C); Vaudreuil Co. VII (C).

N. rufipes Linn. Rimouski Co. VII (C); Rouville Co. VI (C); Montreal Isl. V-VII (C); Two Mountains Co. VI (C).

STELIDOTA Er.

S. geminata Say. St. Johns Co. V (C).
S. octomaculata Say. Chambly Co. V (C); St. Johns Co. IX (C); Montreal Isl. V-VI (C).

PROMETOPIA Er.

P. sexmaculata Say. Rouville Co. V (C); Montreal Isl. (O).

PHENOLIA Er.

P. grossa Fabr. Terrebonne Co. (Hau); Chambly Co. VII (Be); Rouville Co. VI-VII (C).

OMOSITA Er.

O. colon Linn. Matane Co. (Bell); Rimouski Co. (Bell); Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal and Jesus Isl. V-VIII (C); Two Mountains Co. VI (C).
O. discoidea Fabr. Terrebonne Co. (Hau); St. Johns Co.. VI (C); Montreal Isl. (O).

SORONIA Er.

S. undulata Say. Rouville Co. V (C); Montreal Isl. VI (C).

POCADIUS Er.

P. helvolus Er. Rouville Co. (C).

PALLODES Er.

P. pallidus Beauv. Vaudreuil Co. (St).

CYCHRAMUS Kug.

C. adustus Er. Montreal Isl. (Be); Vaudreuil Co. (O).

CRYPTARCHA Shuck.

C. ampla Er. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. IV (C); Vaudreuil Co. V (C).
C. concinna Melsh. Montreal Isl. (O).

IPS Fabr.

I. confluentus Say. St. Hyacinthe Co. (P); Terrebonne Co. (Hau); Montreal Isl. IV (Be).
I. fasciatus Oliv. Terreboune Co. (Hau); Rouville Co. V (C); Montreal and Jesus Isl. IV-VII (C); Vaudreuil Co. V (C); Argenteuil Co. (Bell).
I. sanguinolentus Oliv. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. IV. (C); Vaudreuil Co. V (C).
I. vittatus Say. Montreal Isl. (O).

RHIZOPHAGUS Hbst

R. bipunctatus Say. Montreal (O).
R. brunneus Horn. Montreal Isl. IV (C).
R. dimidiatus Mann. Montreal Isl. IV (C).
R. remotus Lec. Rouville Co. V (C); Montreal Isl. (O).
R. sculpturatus Mann. Montreal Isl. VI (C).

Family LATRIDIIDAE

Very small insects, brownish in color. They live in vegetable refuse, under bark, etc.

STEPHOSTETHUS Lec.

S. liratus Lec. Portneuf Co. (P); Montreal Isl. (C).

LATRIDIUS Hbst.

L. aterrimus Mots. Montreal Isl. (O).
L. minutus Linn. Montreal Isl. (O).

CORTICARIA Marsh.

C. americana Mann. Montreal Isl. (O).
C. cavicollis Mann. Terrebonne Co. (Hau); Montreal Isl. (O).
C. deleta Mann. Rouville Co. V (C); Montreal Isl. V (C).
C. dentigera Lec. Montreal Isl. (O).
C. distinguenda Com. Montreal Isl. (O).
C. grossa Lec. Terrebonne Co. (Hau); Chambly Co. VII (C).
C. pusilla Mann. Terrebonne Co. (Hau).
C. serrata Payk. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O).
C. villosa Zimm. Montreal Isl. (O).

Family TROGOSITIDAE

The insects composing this family are generally flat and live under bark; some inhabit granaries, stores, etc.

TENEBRIOIDES Pall.

T. americana Kirby. Rouville Co. V-VI (C); Montreal Isl. VI (C); Vaudreuil Co. (O).
T. corticalis Melsh. Terrebonne Co. (Han); Rouville Co. (C); Montreal Isl. (O).
T. mauritanica Linn. Montreal Isl. (VIII) (Be).

PELTIS Ill.

P. ferruginea Linn. Terrebonne Co. (Hau); Montreal Isl. V (C).

CALITYS Thom.

C. scabra Thunb. Levis Co. (Fy); Laurentian Mts., Terrebonne Co. (O); Montreal Isl. (O).

GRYNOCHARIS Thom.

G. quadrilineata Melsh. Terrebonne Co. (Hau); Chambly Co. IV (C).

THYMALUS Duft.

T. fulgidus Er. Montreal Isl. VII (C); Vaudreuil Co. VII (C).

MONOTOMA Hbst.

M. americana Aubé. Montreal Isl. (O).
M. fulvipes Melsh. Montreal Isl. (O).
M. parallela Lec. Montreal Isl. VI (C).
M. picipes Hbst. Montreal Isl. (O).

BACTRIDIUM Lec.

B. ephippigerum Guér. Montreal Isl. (O).

Family BYRRHIDAE

Beetles of small or medium size, convex, black, with a close silky pubescence. The legs are very contractile and can be folded close to the body so as to be practically invisible.

CYTILUS Er.

C. sericeus Forst. St. Hyacinthe Co. VII (C); Rouville Co. V-VI (C); Montreal Isl. VI (C); Argenteuil Co. (Bell).
C. trivittatus Mels. Gaspé Co. V (Hm); Terrebonne Co. (Hau); Montreal Isl. VI (C).

BYRRHUS Linn.

B. americanus Lec. Levis Co. (Fy); Terrebonne Co. (Hau); St. Johns Co. V (C); Brome Co. VII (W).
B. pettitu Horn. Vaudreuil Co. VII (C); Montreal Isl. VI (W); Labelle Co. VII (Adams).

SYNCALYPTA Steph.

S. echinata Lec. Montreal Isl. (O).

LIMNICHUS Lat.

L. punctatus Lec. St. Johns Co. (C).

Family PARNIDAE

These beetles live in running water and have long legs not fitted for swimming; they are found clinging to the underside of stones or wood debris.

PSEPHENUS Hald.

P. lecontei Lec. Stanstead Co. (M); Rouville Co. VI (C); Montreal Isl. (Be).

DRYOPS Oliv.

D. fastigiatus Say. Terrebonne Co. (Hau); Montreal Isl. (O).
D. lithophilus Germ. Montreal Isl. (O).
D. striatus Lec. Jesus Isl. VII (C).
D. suturalis Lec. Montreal Isl. (O).

ELMIS Lat.

E. bivittatus Lec. Montreal Isl. (Be).
E. pusillus Lec. Montreal Isl. (C).
E. quadrinotatus Say. Montreal Isl. (O).

STENELMIS Dup.

S. bicarinatus Lec. St. Johns Co. VII (C).
S. crenatus Say. Rouville Co. VI (C).

MACRONYCHUS Mull.

M. glabratus Say. Montreal Isl. (C).

Family HETEROCERIDAE

The species of this family are yellowish in color, mottled with blackish spots and densely clothed with short silken pubescence. They live in galleries they make in the sand or in the mud near streams or ponds.

HETEROCERUS Fabr.

H. brunneus Mels. St. Johns Co. VI (C); Montreal Isl. VII (C).
H. tristis Mann. Montreal Isl. (O).
H. undatus Mels. Montreal Isl. VI (C).

Family DASCYLLIDAE

Small, oval species found on herbage in low lands, near swamps or under dead leaves; they are black or more or less yellowish in color.

MACROPOGON Mots.

M. rufipes Horn. Vaudreuil Co. (O).

EURYPOGON Mots.

E. niger Melsh. Montreal Isl. VI (C); Vaudreuil Co. (O).

ANCHYTARSUS Guér.

A. bicolor Melsh. Terrebonne Co. (Hau).

PTILODACTYLA Lat.

P. serricollis Say. Joliette Co. (O).

EUCINETUS Germ.

E. terminalis Lec. Montreal Isl. VIII (C); Vaudreuil Co. VII (C).
E. testaceus Lec. St. Johns Co. V (C).

ECTOPRIA Lec.

E. nervosa Melsh. Stanstead Co. VII (M); Rouville Co. VII (C).

PRIONOCYPHON Redt.

P. discoideus Say. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O).

MICROCARA Thom.

M. explanata Lec. Montreal Isl. IX (C).

HELODES Lat.

H. maculicollis Horn. Chicoutimi Co. (P); Rouville Co. VI (C).
H. pulchellus Guér. Montreal Isl. (O).
H. thoracica Guér. Montreal Isl. (Be).

SCIRTES Ill.

S. orbiculatus Fabr. Montreal Isl. (O); Hull, Ottawa Co. (H).
S. tibialis Guér. Terreponne Co. (Hau); Montreal Isl. VII (C).

CYPHON Payk.

C. obscurus Guér. Montreal Isl. (C).

C. padi Lin. Montreal Isl. IX (Be).

C. ruficollis Say. Montreal Isl. V-VI (C).

C. variabilis Thunb. Terrebonne Co. (Hau); Montreal Isl. VIII (C).

Family ELATERIDAE

The insects belonging to this large family are commonly known as "click beetles" because of their power of springing up into the air when placed on their back. In general, they are of moderate or large size, broadest at the base of the elytra and tapering posteriorly; they are brown, black or yellowish, spotted or banded, sometimes more or less metallic. The larvae are known as "wire-worms" and a good many live in rotten wood while others feed on the roots of growing plants and are often injurious.

THAROPS Lap.

T. ruficornis Say. Montreal Isl. (O); Vaudreuil Co. (O).

STETHON Lec.

S. pectorosus Lec. Montreal Isl. VII (C).

DELTOMETOPUS Bonv.

D. amaenicornis Say. Stanstead Co. VIII (M); Rouville Co. VI (C); St. Johns Co. VII (C); Montreal Isl. VI-VII (C); Vaudreuil Co. VI (St).

DROMAEOLUS Kies.

D. cylindricollis Say. Laurentian Mts. Terrebonne Co. (O); St. Johns Co. VII (C).

D. striatus Lec. Rouville Co. VI (C).

FORNAX Lap.

F. badius Melsh. Ottawa Co. VI (Be).

F. orchesides Newm. Montreal Isl. VI, in rotten wood, (C); Vaudreuil Co. VII, in old stump (St).

MICRORRHAGUS Esch.

M. humeralis Say. St. Johns Co. VII (C).

M. subsinuatus Sec. Montreal Isl. VI (C).

M. triangularis Say. Stanstead Co. VII (M); Rouville Co. VI-VII (C); Montreal Isl. VII (C); Two Mountains Co. VI (C).

NEMATODES Lat.

N. penetrans Lec. Vaudreuil Co. (O).

EPIPHANIS Esch.

E. cornutus Esch. Vaudreuil Co. (O).

ADELOCERA Latr.

A. aurorata Lec. Rouville Co. VI (C).

A. brevicornis Lec. Matane Co. VII (W); Terrebonne Co. (Hau); Rouville Co. V (C); St. Johns Co. VI (C); Vaudreuil Co. V (C).

A. marmorata Fabr. Terrebonne Co. (Hau).

A. obtecta Say. St. Johns Co. VI (C); Montreal Isl. VII (C); Vaudreuil Co. VII (C); Two Mountains Co. VI (C).

ALAUS Esch.

A. myops Fabr. Rouville Co. V (C); St. Johns Co. VI (C); Vaudreuil Co. VI (C).

A. oculatus Linn. Joliette Co. VII (Bl); Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. V-VI (C); Vaudreuil Co. VI (C).

CARDIOPHORUS Esch.

C. convexulus Lec. Terrebonne Co. (Hau); Montreal Isl. IV (C).

C. convexus Say. St. Johns Co. VI (C); Berthier Co. VI (Be).

C. fenestratus Lec. Montreal Isl. (O).

C. gagates Er. St. Johns Co. V (C); Jesus Isl. IV (C); Two Mountains Co. VI (C).

CRYPTOHYPNUS Esch.

C. abbreviatus Say. Rouville Co. V (C); St. Johns Co. V (C); Montreal Isl. IV (C); Argenteuil Co. (D'Ur).

HYPNOIDUS Steph.

H. exiguus Rand. Rouville Co. V (C); Montreal Isl. VI (Be).

H. pectoralis Say. Terrebonne Co. (Hau); Chambly Co. VI (C).

H. tumescens Lec. Chicoutimi Co. (P); Montreal Isl. VI (C).

OEDOSTETHUS Lec.

O. femoralis Lec. Portneuf Co. (P); Montreal Isl. VII (Be).

MONOCREPIDIUS Esch.

M. auritus Hbst. Terrebonne Co. (Hau); St. Johns Co. (C); Montreal Isl. V (C).

M. bellus Say. Rouville Co. VI (C).

ELATER Linn.

E. apicatus Say. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. V (C); Montreal and Jesus Isl. IV-IV (C); Vaudreuil Co. V (St).

E. discoideus Fabr. St. Hyacinthe Co. (P).

E. hepaticus Melsh. Vaudreuil Co. (O); Montreal Isl. IV (Be).

E. linteus Say. Terrebonne Co. (Hau); Rouville Co. V (C); Chambly Co. V (C); Montreal and Jesus Isl. IV-VI (C).

E. luctuosus Lec. Rouville Co. VII (C); Montreal Isl. (O).

E. mixtus Hbst. Rimouski Co. VII (C); Joliette Co. VII (O); Rouville Co. VI (C); Montreal Isl. VI-VII (C); Vaudreuil Co. VII (C).

E. nigricans Germ. Vaudreuil Co. (O).

E. nigrocollis Hbst. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. V-VI (C); Two Mountains Co. VI (C).

E. obliquus Say. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. VI (C).

E. pedalis Germ. Rouville Co. VII (C); Montreal Isl. VI-VIII (C).

E. pullus Germ. Joliette Co. (O); Rouville Co. (C).

E. rubricus Say. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. V-VII (C); Jesus Isl. V (C); Vaudreuil Co. V (C).

E. sanguinipennis Say. Montreal Isl. (O).

E. semicinctus Rand. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. VI-VII (C).

E. socer Lec. Portneuf Co. (P); St. Hyacinthe Co. (P); Vaudreuil Co. (O).

E. vitiosus Lec. Rouville Co. V (C).

DRASTERIUS Esch.

D. elegans Fabr. Joliette Co. VII (Bl); St. Hyacinthe Co. V (C); St. Johns Co. V (C); Montreal Isl. IV-V (C).

MEGAPENTHES Kies.

M. stigmosus Lec. St. Hyacinthe Co. (P); Vaudreuil Co. VI (C).

LUDIUS Latr.

L. abruptus Say. St. Hyacinthe Co. VI (C); Vaudreuil Co. VI (C); Montreal Isl. VIII (Be).

AGRIOTES Esch.

A. fucosus Lec. Montreal Isl. V-VI (C); Vaudreuil Co. VII (C); Two. Mountains Co. VI (C); Argenteuil Co. (D'Ur).

A. limosus Lec. Rimouski Co. (Be); Rouville Co. V (C).

A. mancus Say. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. V (C); St. Johns Co. VI (C); Montreal Isl. V-VI (C).

A. oblongicollis Melsh. Rouville Co. V (C).

A. pubescens Melsh. Matane Co. VII (W); Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. V-VII (C).

A. stabilis Lec. Rouville Co. V-VII (C); Montreal Isl. VI (C); Two Mountains Co. VI (C); Argenteuil Co. (D'Ur).

DOLOPIUS Esch.

D. lateralis Esch. Rimouski Co. VII (C); Terrebonne Co. Hau); St. Hyacinthe Co. VI (C); Rouville Co. V-VI (C); Montreal and Jesus Isl. VI (C); Vaudreuil Co. VI (C), Two Mountains Co. VI (C).

BETARMON Kies.

B. bigeminatus Rand. Vaudreuil Co. V-VII (C).

MELANOTUS Esch.

M. castanipes Payk. Portneuf Co. (P), Rouville Co. VI (C), Montreal Isl. V-VI (C).

M. communis Gyll. Terrebonne Co. (Hau), St. Hyacinthe Co. VI (C); Montreal Isl VI (C); Vaudreuil Co. VI (C).

M. decumanus Erich. St. Johns Co. VI (C).

M. dubius Lec. St. Johns Co. VII (C).

M. fissilis Say. Terrebonne Co. (Hau); Rouville Co. VI (C); Chambly Co. V (St); Montreal and Jesus Isl. V-VII (C); Vaudreuil Co. V-VII (C).

M. leonardi Lec. Portneuf Co. (P); Terrebonne Co. (Hau); Rouville Co. V (C); Vaudreuil Co. VII (C).

M. sagittarius Lec. Montreal Isl. (C).

LIMONIUS Esch.

L. aeger Lec. Vaudreuil Co. (O).

L. aurifer Lec. Terrebonne Co. (Hau); Rouville Co. V (St); Vaudreuil Co. (O).

L. auripilis Say. Vaudreuil Co. (O).

L. basilaris Say. Terrebonne Co. (Hau),

L. confusus Lec. Terrebonne Co. (Hau); St. Hyacinthe Co. (P); Rouville Co. V (C).

L. plebeius Say. Montreal Isl. (O).

L. quercinus Say. Terrebonne Co. (Hau); Rouville Co. V (C); Vaudreuil Co. (O).

L. stigma Hbst. Terrebonne Co. (Hau); Vaudreuil Co. (O).

L. subauratus Lec. Sherbrooke Co. (Bégin).

CAMPYLUS Fisch.

C. denticornis Kirby. Levis Co. (Roy); Laurentian Mts., Terrebonne Co. VI (C); Montreal Isl. VI (C).

PITYOBIUS Lec.

P. anguinus Lec. Laurentian Mts., Terrebonne Co. VII (St); St. Hyacinthe Co. (P); St Johns VI, in pine stumps (C).

ATHOUS Esch.

A. acanthus Say. Rouville Co. VI (C); St. Johns Co. VII (C); Montreal Isl. (Be).

A. brightwelli Kirby. Brome Co. VII (W); Terrebonne Co. (Hau); Rouville Co. VI (C); Vaudreuil Co. VI (C).

A. cucullatus Say. St. Johns Co. VII (C); Vaudreuil Co. (O).

A. fossularis Lec. Montreal Isl. (O); Vaudreuil Co. VII (C).

A. rufifrons Rand. Matane Co. VII (W); Terrebonne Co. (Hau); Rouville Co. VII (C); Vaudreuil Co. (O).

A. scapularis Say. Vaudreuil Co. VII (C).

LEPTOSCHEMA Horn.

L. discalceatum Say. Ottawa Co. VIII (Be).

OESTODES Lec.

O. tenuicollis Rand. Quebec (Hm); Terrebonne Co. (Hau); Rouville Co. VI-VII (C).

SERICUS Esch.

S. honestus Rand. Rouville Co. VII (C); Vaudreuil Co. (C).

S. incongruus Sec. Terrebonne Co. (Hau); Vaudreuil Co. (O).

S. silaceus Say. Terrebonne Co. (Hau); Vaudreuil Co. V (C).

CORYMBITES Latr.

C. aeripennis Kirby. Rimouski Co. VII (C); Isl. d'Orleans V (Hm); Levis Co. (Fy); St. Johns Co. VII (C).

C. aratus Lec. Montreal Isl. (C).

C. cruciatus Linn. Levis Co. VII (C); Terrebonne Co. (Hau); Rouville Co. VI (C); St. Johns Co. VI (C); Jesus Isl. V. (C); Vaudreuil Co. (O).

C. cylindriformis Hbst. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. IV-V (C); Vaudreuil Co. V (C).

C. falsificus Lec. Terrebonne Co. (Hau); Vaudreuil Co. (O).

C. fulvipes Bland. Sherbrooke Co. (Be); Vaudreuil Co. (O).

C. hamatus Say. Terrebonne Co. (Hau); Rouville Co. V (C).

C. hieroglyphicus Say. Levis Co. VII (C); Terrebonne Co. (Hau); Rouville Co. V-VI (C); Montreal Isl. VI (C); Two Mountains Co. VI (C).

C. inflatus Say. Rouville Co. VI (C); Vaudreuil Co. VI (C).

C. insidiosus Lec. Vaudreuil Co. (C).

C. medianus Germ. Rouville Co. V (C); Two Mountains Co. VI (C).

C. resplendens Esch. Quebec VI (Hm).

C. spinosus Lec. Levis Co. (Roy); Vaudreuil Co. (O).

C. splendens Ziegl. Montreal Isl (O).

C. sulcicollis Say. Terrebonne Co. (Hau).

C. tarsalis Melsh. Laurentian Mts., Terrebonne Co. (O); Rouville Co. V (C).
C. tesselatus Linn. St. Hyacinthe Co. (P); Rouville Co. V (C); Vaudreuil Co. VII (C).
C. triundulatus Rand. Quebec (Hm.); Vaudreuil Co. (O); Argenteuil Co. (D'Ur).
C. vernalis Hentz. Terrebonne Co. (Hau); Montreal Isl. IV (C).
C. virens Schr. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. (O).
C. vulneratus Lec. Montreal Isl. (O).

ASAPHES Kirby.

A. decoloratus Say. Levis Co. VII (C); Brome Co. VII (W); Rouville Co. VI-VII (C); Chambly Co. VI (St); Montreal Isl. VI-VIII (C); Two Mountains Co. VI (C).
A. memnonius Hbst. Terrebonne Co. (Hau); Rouville Co. VII (C); St. Johns Co. VII (C); Vaudreuil Co. (Des).

Family THROSCIDAE

A family composed of small insects resembling the Elateridae in form but have no power of leaping.

THROSCUS Latr.

T. chevrolati Bouv. Montreal Isl. VI (C).
T. constrictor Say. Rouville Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. VII (C).

Family BUPRESTIDAE

Small to large beetles, nearly always metallic, the teguments very hard. The larvae bore in wood and often cause great damage to forest and fruit trees.

CHALCOPHORA Sol.

C. fortis Lec. Levis Co. (Fy); Joliette Co. VII (Bl); St. Johns Co. VII (C); Vaudreuil Co. (C).
C. liberta Germ. Sherbrooke Co. (Bégin); Vaudreuil Co. (O); Hull, Ottawa Co. (P). Breeds in pine.
C. virginiensis Drury. Levis Co. (Fy); Terrebonne Co. (Hau); Joliette Co. VII (Bl); Rouville Co. VII (C); St. Johns Co. VII (C); Vaudreuil Co. (O); Hull, Ottawa Co. (H). Breeds in pine.

DICERCA Esch.

D. divaricata Say. Levis Co. VII (C); Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. IV-VII (C); Vaudreuil Co. (Des). The larva in apple, beech, maple, etc.
D. obscura Fabr. Vaudreuil Co. VII (C); Hull, Ottawa Co. (H). Breeds in hickory.
D. prolongata Lec. Terrebonne Co. (Hau).
D. tenebrosa Kirby. Terrebonne Co. (Hau); Vaudreuil Co. (O).

POECILONOTA Esch.

P. cyanipes Say. Joliette Co. VII (Bl); Laurentian Mts., Terrebonne Co. VIII (C); Rouville Co. VII (C); Hull, Ottawa Co. VII (H).

BUPRESTIS Linn.

B. consularis Gory. Levis Co. (Fy); Vaudreuil Co. (O); Montreal Isl. VII (Be). This and the following species probably all breed in pine.

B. fasciata Fabr. Matane Co. VIII. (W); Charlevoix Co. VIII (Ly); Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VI (C); Vaudreuil Co. (Des).

B. lineata Fabr. Terrebonne Co. (Hau).

B. maculiventris Say. Matane Co. VIII (W); Levis Co. VIII (C); Terrebonne Co. (Hau); Sherbrooke Co. (Bégin); Montreal Isl. VII (C); Vaudreuil Co. VII (St); Argenteuil Co. (D'Ur).

B. nuttalli Kirby. Chicoutimi Co. (Sa); Montreal Isl. (O).

B. striata Fabr. Levis Co. (Roy); Terrebonne Co. (Hau); Montreal Isl. (C); Vaudreuil Co; VII (W).

MELANOPHILA Esch.

M. acuminata De Geer (*longipes* Say.) Chicoutimi Co. (Sa); Levis Co. (Fy); Brome Co. VII (W); Richmond Co. VI (W); Terrebonne Co. (Hau); Montreal Isl. VII-VIII (C); Montmorency Co. VI (Be); Champlain Co. VI (Be). Breeds in conifers.

M. fulvoguttata Harr. Levis Co. (Fy); Terrebonne Co. (Hau); Vaudreuil Co. VII (C) Montmorency Co. VI (Be). In Spruce and Hemlock.

ANTHAXIA Esch.

A. quercata Fabr. St. Johns Co. VI (C); Vaudreuil Co. VI (C).

A. viridicornis Say. Hull, Ottawa Co. VI (H).

A. viridifrons Lap. St. Johns Co. VI (C); Montreal Isl. VI-VII (C); Montmorency Co. VI (Be); Champlain Co. VI (Be). Breeds in hickory.

CHRYSOBOTHRIS Esch.

C. dentipes Germ. Levis Co. (Fy); Terrebonne Co. (Hau); Champlain Co. VI (Be); St. Johns Co. VII (C); Montreal Isl. VI (C). Infests pine.

C. femorata Fabr. Richmond Co. VI (W); Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal Isl. VI (C); Hull, Ottawa Co. (H); Montmorency Co. VI (Be); Champlain Co. VI (Be). Bores in apple and many forest trees.

C. floricola Gory. Vaudreuil Co. (J).

C. harrisii Hentz. Chicoutimi Co. (P); Montmorency Co. VI (Be).

C. scabripennis Lap. and Gory. Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal Isl. (O).

C. sexsignata Say. Rouville Co. VII (C); Montreal Isl. VI (C).

C. trinervia Kirby. Montreal Isl. (O).

EUPRISTOCERUS Deyr.

E. cogitans Web. Joliette Co. (O); Terrebonne Co. (Hau); St. Hyacinthe Co. (P); Champlain Co. VI (Be). Breeds in alder.

AGRILUS Steph.

A. acutipennis Mann. Vaudreuil Co. (O).

A. anxius Gory. Rouville Co. VII (C); St. Johns Co. VII (C); Montreal Isl. (O); Montmorency Co. VI (Be).

A. arcuatus Say. Terrebonne Co. (Hau); Hull, Ottawa Co. VI (H).

A. bilineatus Web. Montreal Isl. (O); Hull, Ottawa Co. (H).

A. blanchardi Horn. Vaudreuil Co. VII (C).

A. egenus Gory. Joliette Co. (O); Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal Isl. VII (C); Hull, Ottawa Co. (H); Montmorency Co. VI (Be).

A. fallax Say. Vaudreuil Co. (O).

A. masculinus Horn. Montreal Isl. VI (C).

A. obsoletoguttatus Gory. Rouville Co. VII (C); Montreal Isl. VII (C).

A. otiosus Say. St. Johns Co. VII (C); Montreal and Jesus Isl. VI-VII (C); Hull. Ottawa Co. (H); Montmorency Co. VI (Be). Breeds in oak.

A. politus Say. Montreal Isl. VI-VII on willow (C).

A. ruficollis Fabr. Terrebonne Co. (Hau); Rouville Co. VI-VII (C); St. Johns Co. VII (C). Montmorency Co. VI (Be); Champlain Co. VI (Be). Bores in raspberry.

TAPHROCERUS Sol.

T. gracilis Say. Rouville Co. VII (C); Montreal Isl. (O). Champlain Co. VI (Be).

BRACHYS Sol.

B. aerosa Melsh. Rouville Co. VII (C); St. Johns Co. VII (C); Montreal Isl. VI-VII (C); Vaudreuil Co. VII (C); Montmorency Co. VI (Be).

B. aeruginosa Gory. Montreal Isl. VII (C); Montmorency Co. VI (Be).

B. ovata Web. Montreal Isl. (O); Montmorency Co. VI (Be).

PACHYSCELUS Sol.

P. laevigatus Say. Rouville Co. VII (C); Montreal Isl. (O); Montomorency Co. VII (Be).

Family LAMPYRIDAE

These beetles of medium size are of soft structure. Some of the species are called "fire-flies" because they have the power of emitting a phosphorescent light from the tip of the abdomen

CALOPTERON Guér.

C. reticulatum Fabr. Sherbrooke Co. (Bég); Rouville Co. VI (C); Montreal Isl. VII (C); Jesus Isl. VII (St); Two Mountains Co. VI (C).

C. terminale Say. Laurentian Mts. Terrebonne Co. VII (O); Montreal Isl VI (C); Chambly Co. VII (St); Argenteuil Co. VI-VII (D'Ur).

CELETES Newm.

C. basalis Lec. Isl. of Orleans (Fy); St. Hyacinthe Co. VII (C); Rouville Co. VI (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be).

CAENIA Newm.

C. dimidiata Fabr. Stanstead Co. VII (M); Vaudreuil Co. VII (C).

LOPHEROS Newm.

L. fraternus Rand. Vaudreuil Co. (O).

EROS Newm.

E. aurora Hbst. Levis Co. (Fy); Sherbrocke Co. VI (W); Terrebonne Co. (Hau); Rouville Co. V (W); Argenteuil Co. V (C).

E. crenatus Germ. Montreal Isl. (O).

E. humeralis Fabr. Terrebonne Co. (Hau).

E. sculptilis Say. Laurentian Mts. Terrebonne Co. (O).

E. trilineatus Melsh. Vaudreuil Co. (O); Montmorency Co. VI (Be).

PLATEROS Bourg.

P. canaliculatus Say. Montreal Isl. (O).

P. modestus Say. Montreal Isl. (O).

COLOCHROMUS Guér.

C. perfaceta Say. Joliette Co. (O); Vaudreuil Co. (O).

LUCIDOTA Lap.

L. atra Fabr. St. Johns Co. VII (C); Montreal Isl. VI-VII (C); Vaudreuil Co. VI (C); Two Mountains Co. VI (C); Montmorency Co. VI (Be); Champlain Co. VI (Be).

ELLYCHNIA Lec.

E. corrusca Linn. Kamomaska Co. (Bell); Rimouski Co. VII (C); Levis Co. (Fy); Sherbrooke Co. VI (C); St. Johns Co. V-VIII (C); Montreal and Jesus Isl. IV-X (C); Vaudreuil Co. VI (Des); Argenteuil Co. V (D'Ur); Montmorency Co. VI (Be); Champlain Co. VI (Be); Berthier Co. VI (Be).

PYROPYGA Mots.

P. decipiens Harr. Rouville Co. VII (C); Terrebonne Co. (Hau).

P. nigricans Say. Levis Co. (Fy); Rouville Co. VII (C); St. Johns Co. VI-VII (C); Montreal Isl. VII (C); Two Mountains Co. VI (C).

PYRACTOMENA Lec.

P. angulata Say. Terrebonne Co. (Hau); Stanstead Co. VII (M); Rouville Co. V-VI (C); Montreal Isl. VI (C); Argenteuil Co. VI (D'Ur).

PHOTINUS Lap.

P. ardens Lec. Terrebonne Co. (Hau); Montreal Isl. VI (C); Vaudreuil Co. (O).

P. consanguineus Lec. Montreal Isl. (O).

P. marginellus Lec. Montreal Isl. VII (C).

P. scintillans Say. Portneuf Co. (P); Terrebonne Co. (Hau).

PHOTURIS Lec.

P. pennsylvanica De G. Terrebonne Co. (Hau); Brome Co. VII (W); Sherbrooke Co. (Be); St. Johns Co. VII (C); Rouville Co. VII (St).

CHAULIOGNATHUS Hentz.

C. marginatus Fabr. Levis Co. (Fy).

C. pennsylvanicus De G. Terrebonne Co. (Hau); Montreal Isl. VIII, on golden rod (C); Argenteuil Co. (D'Ur); Montmorency Co. VII (Be).

PODABRUS Westw.

P. basilaris Say. Montreal Isl. VI (C).

P. diadema Fabr. Rouville Co. VI (C); Vaudreuil Co. (Des).

P. modestus Say. Terrebonne Co. (Hau); Argenteuil Co. VII (D'Ur).

P. rugulosus Lec. Terrebonne Co. (Hau); St. Johns Co. VI-VII (C); Rouville Co. VI (C); Montreal Isl. VI-VII (C); Vaudreuil Co. (Des); Chateauguay Co. VII (St).

P. tricostatus Say. Terrebonne Co. (Hau); Montreal Isl. (O); Vaudreuil Co. (O).

SILIS Lat.

S. percomis Say. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. VII (Be).

TELEPHORUS Schaff.

T. bilineatus Say. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. VI (St); Vaudreuil Co. V (C).

T. carolinus Fabr. Terrebonne Co. (Hau); St. Hyacinthe Co. VI (C); St. Johns Co. VI (C); Montreal and Jesus Isl. VI (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur); Montmorency Co. VI (Be).

T. excavatus Lec. Terrebonne Co. (Hau).

T. flavipes Lec. Rouville Co. VI (C); Montreal Isl. VI (C); Montmorency Co. VI (Be); Champlain Co. VI (Be).

T. fraxini Say. Terrebonne Co. (Hau); Rouville Co. VI (C); St. Johns Co. VI (C); Argenteuil Co. (D'Ur).

T. nigritulus Lec. Rouville Co. VI (C).

T. rectus Mels. Rouville Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. VI (St); Montmorency Co. VI (Be).

T. rotundicollis Say. Levis Co. (Fy); Chambly Co. VII (C); Rouville Co. VI (C); Montreal Isl. VI (C); Argenteuil Co. (D'Ur); Montmorency Co. VI (Be).

T. tuberculatus Lec. Terrebonne Co. (Hau).

MALTHINUS Lat.

M. occipitalis Lec. Vaudreuil Co. (O); Montreal Isl. VII (Be).

MALTHODES Kies.

M. fuliginosus Lec. Vaudreuil Co. (O); Montreal Isl. VII (Be).

Family MALACHIDAE

The members of this family resemble the *Lampyridae* in having soft teguments but are shorter and broader. Several of the species are brightly colored. They are found on flowers and herbage.

COLLOPS Er.

C. quadrimaculatus Fabr. Levis Co. (Fy).

C. vittatus Say. Levis Co. (Fy).

MALACHIUS Fabr.

M. aeneus Linn. St. Johns Co. VI (C).

M. ulkei Horn. Montreal Isl. (O).

PSEUDOBAEUS Horn.

P. oblitus Lec. Montreal Isl. VI (C).

ATTALUS Er.

A. morulus Lec. Terrebonne Co. (O); Vaudreuil Co. (O); Rouville Co. VI (Be).

A. scincetus Say. St. Johns Co. (C).

A. terminalis Erich. Rouville Co. VI (C).

Family CLERIDAE

These insects are found on flowers, herbage or trunks of trees with the exception of *Necrobia* which lives in carrion. They are moderate in size, generally bright or prettily marked. The larvae live under bark or in the burrows of wood-borers upon which they feed.

CYMATODERA Gray.

C. bicolor Say. St. Johns Co. VII (C).

TRICHODES Host.

T. nuttalli Ky. Brome Co. VII (W); Montmorency Co. VI (Be); Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. VI (C); Argenteuil Co. (D'Ur); Champlain Co. VI (Be).

CLERUS Geoff.

C. quadriguttatus Oliv. Terrebonne Co. (Hau); Rouville Co. VI (C); Chambly Co. (St) Montreal Isl. VI (C); Montmorency Co. VI (Be).

C. thoracicus Oliv. Montreal Isl. VI (C); Vaudreuil Co. VI, VII (C); Montmorency Co. VI (Be).

THANASIMUS Latr.

T. dubius Fabr. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. VI (C); Argenteuil Co. (D'Ur).

T. undulatus Say. Rouville Co. (C).

THANEROCLERUS Spin.

T. sanguineus Say. Levis Co. (Fy); Terrebonne Co. (Hau); Jesus Isl. V (C); Montreal Isl. IV, V (C); Montmorency Co. VI (Be); Lac St. Jean Co. VII (Be); Argenteuil Co. VI (W).

HYDNOCERA Newm.

H. humeralis Say. Rouville Co. VI (C); Montreal Isl. VII (Be).

var. **cyanescens** Lec.; Rouville Co. VI (C); Montreal Isl. VII (C).

H. longicollis Say. Montreal Isl. VIII (C); Montmorency Co. VII (Be).

H. pallipennis Say. Portneuf Co. (P); Montreal Isl. VII (C); Vaudreuil Co. VII (M); Montmorency Co. VII (Be).

H. verticalis Say. Montreal Isl. VII (C); Montcalm Co. VI (Be).

PHYLLOBAENUS Spin.

P. dislocatus Say. Montreal Isl. (Be); Champlain Co. VI (Be).

CHARIESSA Perty.

C. pilosa Forst. Joliette Co. VII (O); Montreal Isl. (O); Vaudreuil Co. (O); Hull, Ottawa Co. (H).

LARICOBIUS Rosen.

L. erichsoni Rosen. Montreal Isl. V (C); Vaudreuil Co. (O); Montmorency Co. VI (Be); Berthier Co. VI (Be).

NECROBIA Latr.

N. ruficollis Fabr. Terrebonne Co. (Hau); Montreal Isl. (O).

N. rufipes Fabr. Montreal Isl. (Be); Chicoutimi Co. (P); Terrebonne Co. (Hau).

N. violacea Linn. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. V to IX (C); Vaudreuil Co. (Des).

Family PTINIDAE

Small beetles varying in form. They live on dry vegetable or animal products; some species bore in wood.

GIBBIUM Scop.

G. scotias Scop. Montreal Isl. VI (C).

TRIGONOGENIUS Sol.

T. farctus Lec. Montreal Isl. IV (C).

PTINUS Linn.

P. brunneus Duft. Terrebonne Co. (Hau); Montreal Isl (C).
P. fur Linn. Terrebonne Co. (Hau); Rouville Co. VI (C).

EUCRADA Lec.

E. humeralis Mels. Terrebonne Co. (Hau); Montreal Isl. IV (Be).

ERNOBIUS Thom.

E. mollis Linn. St. Johns Co. VI (C); Montreal Isl. VII (Be).

XESTOBIUM Mots.

X. tesselatum Fabr. Portneuf Co. (P).

SITODREPA Thom.

S. panicea Linn. Levis Co. (Fy); Montreal Isl. (C).

HADROBREGMUS Thom.

H. carinatus Say. Montreal Isl. VI (C).
H. errans Melsh. Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal Isl. (C); Montmorency Co. VI (Be).
H. foveatus Kirby. Montreal Isl. VI (C); Vaudreuil Co. (St); Argenteuil Co. (D'Ur); Montmorency Co. VI (Be).

TRYPOPITYS Redt.

T. scriceus Say. Terrebonne Co. (Hau); Montreal Isl. (C); Montmorency Co. VI (Be); Lac St. Jean Co. VII (Be).

VRILLETTA Lec.

V. convexa Lec. Montreal Isl. (C); Montmorency Co. VI (Be).

XYLETINUS Lat.

X. fucatus Lec. Montreal Isl. VI (C); Montmorency Co. VI (Be).
X. peltatus Har. Montreal Isl. (C); Montmorency Co. VI (Be).

DORCATOMA Hbst.

D. pallicorme Lec. Rouville Co. VI (C); Montreal Isl. (Ve).

CAENOCARA Thom.

C. oculata Say. Montreal Isl. (O).

PTILINUS Geoff.

P. ruficornis Say. Vaudreuil Co. VI (C); Montreal Isl. VII (Be).

Family BOSTRICHIDAE

A small family of slender beetles living in dry wood and sometimes in such numbers that the timber is wholly destroyed by them.

DINODERUS Steph.

D. cribratus Lec. Portneuf Co. (P).

LYCTUS Fabr.

L. striatus Mels. Portneuf Co. (P).

Family CIOIDAE

Small brown or black species found in fungi or decaying wood.

CIS Latr.

C. fuscipes Mellié. St. Johns Co. VII (C); Rouville Co. VI-VII (C); Montreal and Jesus Isl. V to VII (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be).

ENNEARTHRON Mell.

E. thoracicornis Ziegl. Terrebonne Co. (Han); Montreal Isl. (C); Montmorency Co. VI (Be).

Family SPHINDIDAE

Small beetles much resembling the preceding family; they live in fungi.

ODONTOSPHINDUS Lec.

O. denticollis Lec. Chambly Co. VII (C).

SPHINDUS Chev.

S. americanus Lec. Chambly Co. VII (C); Vaudreuil Co. VII (C); Montreal Isl. VIII (Be).

Family LUCANIDAE

Large blackish beetles with prominent mandibles and a leaf-like club at the end of the antennae. The larvae live in decaying wood.

DORCUS MacL.

D. parallelus Say. Rouville Co. VI (C); Montreal Isl. VI (C); Champlain Co. VI (Be).

PLATYCERUS Geof.

P. depressus Lec. Kamouraska Co. (Bell); Terrebonne Co. (Han); St. Johns Co. VI (C) Montreal Isl. VI (C); Argenteuil Co. (D'Ur).

P. quercus Web. Terrebonne Co. (Hau); Rouville Co. V-VI (C); Montreal Isl. (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be).

CERUCHUS MacL.

C. piceus Web. Rouville Co. VI (St); Montreal Isl. VI (C); Montmorency Co. VI (Be).

Family SCARABAEIDAE

This family is composed of insects of moderate to large size; several tropical species are among the biggest beetles known. They vary much in shape and coloration but are always recognized by the short antennae with a club composed of several leaves or lamellae.

The larvae are white grubs and live in excrement, decaying wood and in the ground feeding on the roots of plants, some species are often very injurious.

COPRIS Geoff.

C. anaglypticus Say. Joliette Co. (O).

ONTHOPHAGUS Latr.

O. hecate Panz. Levis Co. VII (C); Terrebonne Co. (Hau); Rouville Co. VI-VII (C); Montreal and Jesus Isl. V-IX (C); Two Mountains Co. VI (C); Argenteuil Co. VII (D'Ur). Montmorency Co. VI (Be).

O. janus Panz. Montreal Isl. (Be).

O. nuchicornis Linn. Rimouski Co. (Be); Montmorency Co. VI (Be).

O. pennsylvanicus Harold. St. Johns Co. VII (C).

AEGIALIA Latr.

A. lacustris Lec. Montreal Isl. (C).

ATAENIUS Harold.

A. cognatus Lec. St. Johns Co. VII (C).

A. stercorator Fabr. Montreal Isl. (O).

A. strigatus Say. Montreal Isl. IV (C).

DIALYTES Harold

D. striadulus Say. Montreal Isl. (Be); Vaudreuil Co. (O).

APHODIUS Ill.

A. erraticus Linn. St. Johns Co. VI (C); Montreal Isl. V-VII (C); Montmorency Co. VII (Be).

A. femoralis Say. Terrebonne Co. (Hau); St. Johns Co. V (C); Montreal Isl. (O).

A. fimetarius Linn. Matane Co. (Be); Levis Co. VII (C); Brome Co. VII (W); Terrebonne Co. (Hau); St. Johns Co. VI-IX (C); Montreal and Jesus Isl. V-VIII (C); Argenteuil Co. (D'Ur); Montmorency Co. VI (Be).

A. fossor Linn. Temiscouata Co. (Bell); Levis Co. (Fy); Terrebonne Co. (Hau); Chambly Co. V (C); Montreal Isl. V (St); Montmorency Co. VI (Be); St. Johns Co. X (Bl); Vaudreuil Co. V (Des). Brome Co. VII (W).

A. granarius Linn. Levis Co. VII (C); Terrebonne Co. (Hau); Rouville Co. VI-VII (C); Montreal and Jesus Isl. VI-VIII (C); Vaudreuil Co. VI (C); Montmorency Co. VI (Be).

A. hamatus Say. Levis Co. (Fy); Joliette Co. (O); Montreal Isl. VI (C).

A. inquinatus Hbst. Terrebonne Co. (Hau); Montreal Isl. IX (C).

A. lentus Horn. Laurentian Mts. Terrebonne Co. (O); Chambly Co. VI (C).

A. leopardus Horn. Joliette Co. (O); Ottawa Co. VII (Gm).

A. prodromus Brahm. St. Johns Co. V (C); Montreal Isl. V-VI (C).

A. rubeolus Beauv. Rouville Co. V (C).

A. ruricola Melsh. Terrebonne Co. (Hau).

A. stercorosus Melsh. Joliette Co. (O); Chambly Co. VI (C).

A. vittatus Say. Portneuf Co. (P); Terrebonne Co. (Hau); Montreal Isl. VI (C); Vaudreuil Co. VII (C); Montmorency Co. VI (Be).

ODONTAEUS Kl.

O. cornigerus Melsh. Montreal Isl. (W).

O. filicornis Say. Joliette Co. (O); Ottawa Co. VII (Be).

O. obesus Linn. Montreal Isl. VIII (St).

GEOTRUPES Lat.

G. blackburnii Fabr. Isle d'Orleans VIII (Hm); Terrebonne Co. (Hau); Montreal Isl. VI (C).

G. egeriei Germ. Isl. d'Orleans IX (Hm); Vaudreuil Co. VI (C); Argenteuil Co. (D'Ur).

G. semiopacus Jek. Joliette Co. (O); Chambly Co. VI (C); Rouville Co. VI (C); Vaudreuil Co. (Des).

TROX Fabr.

T. punctatus Germ. Levis Co. (Fy).

T. scaber Linn. Sherbrooke Co. (Be); Rouville Co. VI (C); Montreal Isl. VI (Be); Montmorency Co. VI (Be).

T. suberosus Fabr. St. Johns Co. VII (C); Montreal Isl. VIII (Be).

T. unistriatus Beauv. St. Johns Co. VI (C); Jesus Isl. VII (C); Montmorency Co. VI (Be).

HOPLIA Ill.

H. trifasciata Say. Quebec VI (Hm); Terrebonne Co. (Hau); Rouville Co. V. (C); Montreal Isl. IV-VI (C); Montmorency Co. VI (Be).

DICHELONYCHA Kirby.

D. albicollis Burm. Terrebonne Co. (Hau); Montreal Isl. (C).

D. elongata Fabr. Isl. of Orleans (Fy); Terrebonne Co. (Hau); Rouville Co; VI (C); St. Johns Co. VI (C) Montreal VI (C); Montmorency Co. VI (Be).

D. subvittata Lec. Rimouski Co. VII (C); Rouville Co. V (C); Montreal Isl. VI (C); Argenteuil Co. VI, VIII (D'Ur) Montmorency Co. VI (Be).

SERICA MacL.

S. sericea Ill. Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal and Jesus Isl. VI, VII (C); Vaudreuil Co. VI (St); Montmorency Co. VI (Be).

S. vespertina Gyll. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. VII (C); Montreal and Jesus Isl. V to VII (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be).

DIPLOTAXIS Kirby.

D. tristis Kirby. Rimouski Co. V (Be).

LACHNOSTERNA Hope.

L. dubia Smith. Rouville Co. V-VI (C); St. Johns Co. V-VI (C); Montreal Isl. V-VI (C).

L. fusca Froehl. Levis Co. (Fy); Terrebonne Co. (Hau); Argenteuil Co. (Bell)

L. hirticula Knoch. Terrebonne Co. (Hau)

L. grandis Smith. Rouville Co. V (C).

LIGYRUS Burm.

L. gibbosus De G. Sherbrooke Co. (Beg).

L. relictus Say. Terrebonne Co. (Hau); St. Johns VIII (C); Montreal Isl. VII-VIII (C); Vaudreuil Co. (Des); Montmorency Co. VII (Be).

XYLORYCTES Hope.

X. satyrus Fabr. Rouville Co. V (C).

EUPHORIA Burm.

E. inda Linn. Joliette Co. VI (Bl); St. Johns Co. IX (C); Rouville Co. V (C); Montreal Isl. IV, V, IX (C).

CREMASTOCHILUS Knoch.

C. harrisii Kirby. Charlevoix Co. VIII (W) .

OSMODERMA Knoch.

O. eremicola Knoch. Sherbrooke Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VII (C); Argenteuil Co. (Bell).

O. scabra Beauv. Brome Co. VII (W); Terrebonne Co. (Hau); Rouville Co. VII (St); Montreal and Jesus Isl. VII (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur); Montmorency Co. VI (Be).

GNORIMUS Lap.

G. maculosus Knoch. Chambly Co. VI (C); Montreal Isl. V (Be).

TRICHIUS Fabr.

T. affinis Gory. Joliette Co. VII (Bl); Terrebonne Co. (Hau); Rouville Co. VI (St); Montreal Isl. VI-VII (C) Montmorency Co. VI (Be).

T. piger Fabr. Chicoutimi Co. (Sa); Argenteuil Co. (D'Ur).

Family SPONDYLIDAE

A small family with only one species in our fauna. The insect is brown, shining and breeds in a variety of deciduous and coniferous trees.

PARANDRA Latr.

P. brunnea Fabr. St. Hyacinthe Co. VII (C); Rouville Co. (C); Montreal Isl. VI (St); Vaudreuil Co. (Des); Montmorency Co. VII (Be).

Family CERAMBYCIDAE

These insects are generally called "long-horns" because the antennae are nearly as long as, or longer than the body. They are generally large or very large, elongate and varying much in color. The larvae bore in wood and a few in herbaceous plants, some are very injurious to our forest and fruit trees. The adults are found on flowers, foliage, on tree trunks, etc. Many species from the warm counties are among the largest of Coleoptera.

ORTHOSOMA Serv.

O. brunneum Forst. Levis Co. (Roy); Brome Co. VII (M); St. Johns Co. VII (C); Montreal Isl. VII (C); Vaudreuil Co. VII (Des); Argenteuil Co. (Bell); Montmorency Co. VI (Be). The larvae bores in oak.

TRAGOSOMA Serv.

T. harrisii Lec. Isl. of Orleans (Fy); Joliette Co. (O); Montreal Isl. VII (C); Vaudreuil Co. (O); Montmorency Co. VI (Be).

ASEMUM Esch.

A. moestum Hald. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. V; (C); Montreal Isl. VI (C); Montmorency Co. VI (Be), on pine stumps

CRIOCEPHALUS Muls.

C. agrestis Kirby. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. VII (St); Montreal Isl. VII (C); Hull, Ottawa Co. (H); Montmorency Co. VI (Be).

TETROPIUM Kirby.

T. cinnamopterum Kirby. Terrebonne Co. (Hau); Rouville Co. VII, on pine stump (C); Montreal Isl. (C); Montmorency Co. VI (Be).

GONOCALLUS Lec.

G. collaris Kirby. Terrebonne Co. (Hau).

PHYSOCNEMUM Hald.

P. brevilineum Say. Levis Co. (Fy); St. Johns Co. VII (C); Montreal Isl. VI (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be), on elm.

RHOPALOPUS Muls.

R. sanguinicollis Horn. Levis Co., (Fy); Terrebonne Co. (Hau); Sherbrooke Co. (Beg); Ottawa Co. (H), bores in plum trees.

HYLOTRUPES Serv.

H. bajulus Linn. Sherbrooke Co. (Beg); Montmorency Co. VI (Be).

H. ligneus Fabr. Levis Co. (Fy); Terrebonne Co. (Hau); St. Johns Co. IV (C); Montreal Isl. V (O); Vaudreuil Co. (Des). Bores in cedar. Montmorency Co. VI (Be).

PHYMATODES Muls.

P. amoenus Say. Terrebonne Co. (Hau); Montreal Isl. VI, on wild grape (C).

P. dimidiatus Kirby. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VII (C); Vaudreuil Co. (Des).

P. maculicollis Lec. Levis Co. (Roy); Montreal Isl. (Be).

MERIUM Kirby.

M. proteus Kirby. St. Johns Co. V (C); Montreal Isl. IV (C); Montmorency Co. VI (Be).

CALLIDIUM Fabr.

C. aereum Newm. Rouville Co. VI (C); St. Johns Co. VI (C); Montreal Isl. (O); Ottawa Co. (Fy).

C. antennatum Newm. Matane Co. VII (W); Levis Co. (Fy); St. Hyacinthe Co. VI (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be); Argenteuil Co. VI (W), on pine.

C. janthinum Lec. Levis Co. (Roy); Terrebonne Co. (Hau); St. Johns Co. VI (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be), on cedar.

GRACILIA Serv.

G. minuta Fabr. Montreal Isl. (Hau).

ELAPHIDION Serv.

E. parallelum Newm. Terrebonne Co. (Hau); St. Johns Co. VI-VII (C), on oak, apple and hickory.

E. unicolor Rand. Portneuf Co. (P); St. Johns Co. VII (C); Vaudreuil Co. VII (C), on plum and oak.

OBRIUM Serv.

O. rubrum Newm. Chambly Co. VII (C); Montreal Isl. VI (St), on ash.

MOLORCHUS Fabr.

M. bimaculatus Say. Terrebonne Co. (Hau); St. Johns Co. V (C); Rouville Co. V (C); Montreal Isl. V (Be); Vaudreuil Co. V (S); Breeds in a variety of dead wood.

CALLIMOXYS Kraatz.

C. sanguinicollis Oliv. Rouville Co. V (C); Montreal Isl. V (St); Jesus Isl. V (C).

PURPURICENUS Serv.

P. humeralis Fabr. Montreal Isl. (S); Ottawa Co. (H).

BATYLE Thom.

B. suturalis Say. St. Hyacinthe Co. (P).

STENOSPHENUS Hald.

S. notatus Oliv. Montreal Isl. VII (C); Montmorency Co. VI (Be). Breeds in hickory.

CYLLENE Newm.

C. robiniae Forst. Terrebonne Co. (Hau); St. Johns Co. VIII, bores in locust (C); Ottawa Co. (Fy).

PLAGIONOTUS Muls.

P. speciosus Say. Brome Co. VII (W); Terrebonne Co. (Hau); Rouville Co. VII (C); Montreal Isl. VII (O); Vaudreuil Co. (Des) Ottawa Co. VII (Bl); Bores in maple.

CALLOIDES Lec.

C. nobilis Say. Brome Co. VII (W); Montreal Isl. (O), on oak.

ARHOPALUS Serv.

A. fulminans Fabr. Terrebonne Co. (Hau); Rouville Co. VII (Be); Montreal Isl. VI (C); Vaudreuil Co. (Des).

XYLOTRECHUS Chev.

X. annosus Say. St. Hyacinthe Co. (P); Joliette Co. (O).

X. colonus Fabr. Terrebonne Co. (Hau); Chambly Co. VII (St); St. Johns Co. VII (C) Montreal VIII (C); Vaudreuil Co. VII (C), on maple, oak and hickory.

X. quadrimaculatus Hald. St. Johns Co. VII (C); Vaudreuil Co. VII (C); Montmorency Co. VII (Be), on alder.

X. sagittatus Germ. Terrebonne Co. (Hau); St. Johns Co. VII (C); Ottawa Co. (H), on pine.

X. undulatus Say. Chicoutimi Co. (Sa); Terrebonne Co. (Hau); St. Hyacinthe Co.) VII (C); Montreal Isl. VII (S); Vaudreuil Co. (Des); Montmorency Co. VII (Be), on spruce and hemlock.

NEOCLYTUS Thom.

N. erythrocephalus Fabr. Rouville Co. VI (C); Jesus Isl. VII (C); Vaudreuil Co. VI (C); Ottawa Co. (H). Breeds in a variety of forest, shade and fruit trees.

N. muricatulus Kirby. Levis Co. VII (C); Rouville Co. VII (C); Laurentian Mts. Terrebonne Co. (O); Montmorency Co. VI (Be).

CLYTANTHUS Thom.

C. ruricola Oliv. Levis Co. (Fy); Brome Co. (W); Rouville Co. VII (St); Terrebonne Co. (Hau); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. (Des); Montmorency Co. VII (Be), on oak.

MICROCLYTUS Lec.

M. gazellula Hald. Vaudreuil Co. (O).

CYRTOPHORUS Lec.

C. verrucosus Oliv. Levis Co. (Fy); Rouville Co. (Be); Chambly Co. VI (C); Montreal Isl. VII (C); Vaudreuil Co. VI (St); Argenteuil Co. VI (W). Lives on chestnut, beech, linden.

EUDERCES Lec.

E. picipes Fabr. Terrebonne Co. (Hau); Rouville Co. VI (C); Chambly Co. VII (C); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. (S), on beech and bass.

DESMOCERUS Serv.

D. palliatus Forst. Brome Co. VII (W); St. Johns Co. VII (C); Terrebonne Co. (Hau); Montreal Isl. VI-VII (C). Lives on elder.

ENCYCLOPS Newm.

E. caeruleus Say. Argenteuil Co. (D'Ur); Ottawa Co. (H). on dogwood.

RHAGIUM Fabr.

R. lineatum Oliv. Levis Co. (Fy); Terrebonne Co. (Hau); St. Johns Co. V (C); Montreal Isl. V (C); Vaudreuil Co. (Des). Lives on pine.

CENTRODERA Lec.

C. decolorata Harr. Montreal Isl. VI (C); Ottawa Co. (H).

TOXOTUS Serv.

T. schaumii Lec. Montreal Isl. VI, on ash (C).

T. trivittatus Say. Rouville Co. VI (St); Montreal Isl. VI (C); Ottawa Co. (H).

PACHYTA Serv.

P. monticola Rand. Rimouski Co. VII (C); Levis Co. (Fy); Rouville Co. (St); Terrebonne Co. (Hau); Argenteuil Co. (D'Ur); Ottawa Co. (H).

P. rugipennis Newm. Chicoutimi Co. (P); Terrebonne Co. (Hau); Montreal Isl. (Be); Vaudreuil Co. (O).

ANTHOPHILAX Lec.

A. attenuatus Hald. Vaudreuil Co. V (C).

A. malachiticus Hald. Isl. of Orleans (Hm); Rouville Co. V (C); Ottawa Co. (H).

A. viridis Lec. Vaudreuil Co. (O).

ACMAEOPS Lec.

A. bivittata Say. Levis Co. (Fy).

A. directa Newm. St. Johns Co. (C).

A. pratensis Laich. Rimouski Co. VII (C); Levis Co. VII (C); Rouville Co. VI (St); Jesus Isl. VI (C); Montmorency Co. VI (Be).

A. proteus Kirby. Chicoutimi Co. (Sa); Levis Co. (Roy); Terrebonne Co. (Hau); Montreal Isl. VI (C) Argenteuil Co. (D'Ur).

GAUROTES Lec.

G. cyanipennis Say. Terrebonne Co. (Hau); St. Hyacinthe Co. VI (C); Rouville Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. (Des); Two Mountains Co. VI (C); Ottawa Co. (Fy); Montmorency Co. VI (Be).

G. abdominalis Bland. Ottawa Co. (H).

BELLAMIRA Lec.

B. scalaris Say. Terrebonne Co. (Hau); Montreal Isl. (O), on ash.

STRANGALIA Serv.

S. luteicornis Fabr. St. Hyacinthe Co. (P).

TYPOCERUS Lec.

T. velutinus Oliv. Terrebonne Co. (Hau); Rouville Co. VII (C); St. Johns Co. VII (C) Montreal and Jesus Isl. VII (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be).

T. zebratus Fabr. Levis Co. (Fy); Laurentian Mts. Terrebonne Co. VIII (O); Montreal Isl. VII (C).

LEPTURA Serv.

L. biforis Newm. Terrebonne Co. (Mi); St. Johns Co. VII (C).

L. canadensis Fabr. Matane Co. VII (W); Joliette Co. (O); Terrebonne Co. (Mi); Rouville Co. VII (C); Montreal Isl. VII (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be), on spruce.

L. capitata Newm. Terrebonne Co. (Hau); Montreal Isl. VI (C); Vaudreuil Co. VI (C).

L. chrysocoma Kirby. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. VI-VII (C); Montreal Isl. VI (C); Two Mountains Co. VI (C); Montmorency Co. VI (Be).

L. cordifera Oliv. St. Hyacinthe Co. (P).

L. exigua Newm. Montreal Isl. VI (C); Montmorency Co. VI (Be).

L. haematites Newm. Rouville Co. VI (C); Montreal Isl. VI (C).

L. lineola Say. Rimouski Co. VII (C); Levis Co. (Fy); Richmond Co. VI (W); Montmorency Co. VI (Be); Terrebonne Co. (Hau); Montreal Isl. VI-VII (C); Two Mountains Co. VI (C); Argenteuil Co. (D'Ur); Ottawa Co. (H).

L. mutabilis Newm. Rimouski Co. VII (C); Terrebonne Co. (Hau); Montreal Isl. V(C); Argenteuil Co. (D'Ur).

L. nana Newm. Rouville Co. V (C); Montreal Isl. VI (C).

L. nigrella Say. Chicoutimi Co. (Sa); Levis Co. (Roy); Terrebonne Co. (Hau); Montreal Isl. VI (C).

L. nitens Forst. Quebec (Hm); Montreal Isl. VI (C).

L. octonotata Say. Chicoutimi Co. (Sa).

L. plebeja Rand. Montreal Isl. (O).

L. proxima Say. Levis Co. (Fy); Sherbrooke Co. (Beg); Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur); Montmorency Co. VI (Be).

L. pubera Say. Terrebonne Co. (Hau); Rouville Co. VII (C); Montreal and Jesus Isl. VI-VII (C); Argenteuil Co. (D'Ur).

L. rubrica Say. Montreal Co. (C).

L. ruficollis Say. Terrebonne Co. (Hau); Rouville Co. VI (C).
Var. sphaericollis Say.
Rouville Co. VI (C); Montreal Isl. VI (C).

L. sexmaculata Linn. Vaudreuil Co. (O).

L. subargentata Kirby. Terrebonne Co. (Hau); Vaudreuil Co. (O).

L. subhamata Rand. Levis Co. VIII (Fy); Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. (O).

L. vagans Oliv. Terrebonne Co. (Hau), on hickory and butternut.

L. vibex Newm. Rouville Co. V (C); Vaudreuil Co. (O).

L. vittata Germ. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VI-VII (C); Chambly Co. VI (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur).

PSENOCERUS Lec.

P. supernotatus Say. Terrebonne Co. (Hau); Rouville Co. V-VI (C); Montreal Isl. VI, (C); Montmorency Co. VI (Be), on wild grape.

MONOHAMMUS Serv.

M. confusor Kirby. Matane Co. (Bell); Levis Co. (Roy); Terrebonne Co. (Hau); Sherbrooke Co. (Beg); St. Johns Co. VII (C); Montreal Isl. VI, (C); Argenteuil Co. (D'Ur); Montmorency Co. VI (Be), on spruce.

M. marmorator Kirby. Levis Co. (Roy); Missisquoi Co. (Fy); Brome Co. VII (W); Terrebonne Co. (Hau); Montreal Isl. (S); Montmorency Co. VI (Be), on hemlock.

M. scutellatus Say. Matane Co. (Bell); Chicoutimi Co. (Sa); Charlevoix Co. VIII (Ly); Levis Co. VII (C); Brome Co. VII (W); Joliette Co. VII (B.); Montreal Isl. VI (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur); Montmorency Co. VI (Be), on spruce.

M. titillator Fabr. Missisquoi Co. (Fy); Ottawa Co. (H), on pine.

DORCASCHEMA Lec.

D. nigrum Say. Montreal Isl. VI (C); Chauteauguay Co. VII (C); Ottawa Co. (H), on hickory.

GOES Lec.

G. oculatus Lec. Montreal Isl. VI (Be); Ottawa Co. (H).

G. pulverulentus Hald. Ottawa Co. (H), on oak and locust.

ACANTHODERES Serv.

A. decipiens Hald. Montreal Isl. VI (C); Vaudreuil Co. (O), on hickory.

LEPTOSTYLUS Lec.

L. aculiferus Say. Montreal Isl. VII (C).

L. commixtus Hald. Montreal Isl. (O); Ottawa Co. (H).

L. macula Say. Brome Co. VII (W); Montreal Isl. VII (C); Chateauguay Co. VII (St); Vaudreuil Co. VII (C); Montmorency Co. VI (Be).

LIOPUS Serv.

L. alpha Say. Rouville Co. VII (C); Montreal Isl. VII (C); Ottawa Co. VI (H).

L. cinereus Lec. St. Johns Co. VII (C).

L. crassulus Lec. Vaudreuil Co. VII (C).

L. variegatus Hald. Montreal Isl. VII (C); Vaudreuil Co. (Des).

DECTES Lec.

D. spinosus Say. Stanstead Co. VII (M).

LEPTURGES Bates.

L. facetus Say. Montreal Isl. (O).

L. querci Fitch. Brome Co. VIII (M); Montreal Isl. VI-VII (C); Chambly Co. VII (C); Vaudreuil Co. VII (St); Ottawa Co. (H).

L. signatus Lec. Montreal Isl. VII (C).

L. symmetricus Hald. Vaudreuil Co. (O).

HYPERPLATYS Bates.

H. aspersus Say. Terrebonne Co. (Han); Chambly Co. VII (C); Montreal Isl. VI-VII (C). Ottawa Co. (H).

H. maculatus Hald. Levis Co. VII (C); Montreal Isl. (C); Chateauguay Co. VII (C).

UROGRAPHIS Horn.

U. fasciatus DeG. Levis Co. (Fy); Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal Isl. VI (C); Montmorency Co. VI (Be), on oak and maple.

ACANTHOCINUS Steph.

A. obsoletus Oliv. Vaudreuil Co., VII, on pine (C).

HOPLOSIA Muls.

H. nubila Lec. Montreal Isl., bred from bass wood (C).

ECYRUS Lec.

E. dasycerus Say. Montreal Isl. VII (C).

POGONOCHERUS Latr.

P. mixtus Hald. Terrebonne Co. (Hau); Montreal Isl. VII (C); Vaudreuil Co. VII (Des); Ottawa Co. (H), on willow.

P. penicillatus Lec. Montreal Isl. (C); Ottawa Co. (H).

EUPOGONIUS Lec.

E. subarmatus Lec. Rouville Co. VI (C); Vaudreuil Co. VII (C).

E. vestitus Say. Levis Co. (Fy).

SAPERDA Fabr.

S. calcarata Say. St. Johns Co. VI-VII (C); Montreal Isl. VII (C); Vaudreuil Co. (Des); Ottawa Co. (H); infests poplar.

Var adspersa Lec.

St. Johns Co. VI-VII (C); Montreal Isl. (O); Chateauguay Co. VII (C).

S. candida Fabr. Brome Co. VI (W); Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. VII (St); Vaudreuil Co. (Des); Ottawa Co. (H). Infests apple trees.

S. concolor Lec. Laurentian Mts. Terrebonne Co. (O), on willow and poplar.

S. cretata Newm. Isl. d'Orleans, (Hm), on thorn.

S. discoidea Fabr. St. Johns Co. (C); Ottawa Co. VI, (H); Montreal Isl. VII (Be), on hickory.

S. imitans Jout. Montreal Isl. VI (C).

S. lateralis Fabr. Montreal Isl. VI, (C); Vaudreuil Co. VI (C), on hickory.

S. moesta Lec. Rimouski Co. VII (C); Montreal Isl. VI (St); Two Mountains Co. VI (C); Ottawa Co. (H).

S. mutica Say. Montreal Isl. VI, (C); Berthier Co. VI (Be), on willow.

S. obliqua Say. Levis Co. (Fy); Rouville Co. VI (C); Chambly Co. VI (C); St. Johns Co. VI-VII (C), on alder.

S. puncticollis Say. Montreal Isl. V-VI on Ampelopsis (C).

S. tridentata Oliv. Levis Co. (Fy); Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. VI (C); Argenteuil Co. (D'Ur); Ottawa Co. VI (Bl); bores in elm.

S. vestita Say. Terrebonne Co. (Hau); Rouville Co. VI-VII (C); Chambly Co. VI (St); Montreal and Jesus Isl. VI (C); Vaudreuil Co. (Des); Argenteuil Co. (Bell). Montmorency Co. VI (Be). Bores in bass wood.

OBEREA Muls.

O. bimaculata Oliv. Brome Co. VII (W); Montreal Isl. VII (C); Ottawa Co. (H).

On raspberry.

Var. basalis Lec.

Rouville Co. VII (C).

O. flavipes Hald. Rouville Co. VI (C).

O. schaumii Lec. Joliette Co. (O); Rouville Co. (St); Montreal Isl., bred from bass wood (C).

O. tripunctata Swed. Rouville Co. VII (C); Montreal Isl. VI-VII (C).

Var. mandarina Fab. Montreal Isl. VI (C); Vaudreuil Co. VII (Des).

TETRAOPES Serv.

T. tetraophthalmus Forst. Brome Co. VII (W); Terrebonne Co. (Hau); Rouville Co. VII (C); Montreal Isl. VII (C); Sherbrooke Co. (Fy); Vaudreuil Co. (Des). On milkweed.

Family CHRYSOMELIDAE

A large family composed of insects of small to moderate size, spotted, banded or metallic and of variable form. They are usually leaf feeders and some species will often do an enormous amount of damage.

DONACIA Fabr.

D. aequalis Say. St. Johns Co. VII (C); Vaudreuil Co. VII (C).

D. cincticornis Newm. Brome Co. VII (W); Chambly Co. VII (C); Rouville Co. VII (C).

D. emarginata Kirby. Rimouski Co. VII (C); Levis Co. (Fy); Montreal Isl. VI (St); Vaudreuil Co. V (C).

D. flavipes Kirby. St. Johns Co. VI (C); Rouville Co. VI (C); Argenteuil Co. VI (D'Ur).

D. hirticollis Kirby. Chambly Co. VII (C); St. Johns Co. VII (C);

D. palmata Oliv. Terrebonne Co. (Hau); Rouville Co. VI-VII (C); Argenteuil Co. (D'Ur).

D. piscatrix Lac. Rouville Co. VII (C).

D. pubescens Lec. St. Johns Co. VII (C); Rouville Co. VII (St).

D. pusilla Say. Rimouski Co. VII (C); Levis Co. (Fy); Rouville Co. VI-VII (C); Argenteuil Co. (D'Ur).

D. rufa Say. Rouville Co. VI (C); Montreal and Jesus Isl. V-VI (C); Vaudreuil Co. (Des).

D. subtilis Kunze. Terrebonne Co. (Hau); Rouville Co. VI-VII (C); St. Johns Co. VII (C).

HAEMONIA Latr.

H. nigricornis Kirby. Chambly Co. (O); St. Johns Co. VII (C).

ORSODACHNA Latr.

O. atra Ahr. and varieties. Rimouski Co. VII (C); Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. V (C); Vaudreuil Co. V (C).

ZEUGOPHORA Kunze.

Z. abnormis Lec. Montreal Isl. VI (C); Vaudreuil Co. VII (C).
Z. varians Cr. Montreal Isl. (O); Vaudreuil Co. VII (C).

SYNETA Esch.

S. ferruginea Germ. Terrebonne Co. (Hau); Missisquoi Co. (Fy); Rouville Co. V (C); Montreal Isl. IV-V (C); Two Mountains Co. VI (C).

LEMA Fabr.

L. brunneicollis Lac. Montreal Isl. (O).
L. trilineata Oliv. Terrebonne Co. (Hau); Missisquoi Co. (Fy); Rouville Co. VII (C).

CRIOCERIS Geoff.

C. asparagi Lin. St. Johns Co. (C); Jesus Isl. (Be). Feeds on asparagus.
C. 12-punctata Lin. Montreal Isl. X (W). Feeds on asparagus.

ANOMOEA Lac.

A. laticlavia Forst. Vaudreuil Co. VII (C); Ottawa Co. VI (H).

CHLAMYS Knoch.

C. plicata Fabr. Rouville Co. (C); Vaudreuil Co. V (C).

EXEMA Lac.

E. conspersa Mann. Rouville Co. VI (C); Montreal Isl. V-VI (C); Vaudreuil Co. VI (C).

BASSAREUS Hald.

B. congestus Fabr. Terrebonne Co. (Hau); Vaudreuil Co. VII (C).
B. detritus Oliv. Vaudreuil Co. VII (C).
B. formosus Melsh. Vaudreuil Co. VII (C).
B. mammifer Newm. Terrebonne Co. (Hau); Vaudreuil Co. VII (C). On willow.
Var. luteipennis Melsh. Terrebonne Co. (Hau); Vaudreuil Co. VII (O).
Var. pretiosus Melsh. Vaudreuil Co. VI (C).
Var. sellatus Suffr. Montreal Isl. VI (C); Vaudreuil Co. VII (C).

CRYPTOCEPHALUS Geoff.

C. mutabilis Melsh. Montreal Isl. (St); Vaudreuil Co. (Des).
C. notatus Fabr. Terrebonne Co. (Hau); Rouville Co. VII (C); Vaudreuil Co. VI (C).
C. quadruplex Newm. St. Johns Co. VII (C).
C. venustus Fabr. Terrebonne Co. (Hau); Stanstead Co. VII (M); Montreal Isl. VIII (C).

PACHYBRACHYS Chev.

P. atomarius Mls. Montreal Isl. VI (C).

P. carbonarius Hald. Vaudreuil Co. VII (C).

P. femoratus Oliv. Montreal Isl. VI (C); St. Johns Co. VI (C); Vaudreuil Co. VI (St).

P. infaustus Hald. Rouville Co. VI-(C).

P. othonus Say. Rouville Co. (C).

P. tridens Mels. St. Johns Co. VI (C).

P. trinotatus Mels. Rouville Co. VI (C); Vaudreuil Co. VII (O); Two Mountains Co. VI (C).

P. viduatus Fabr. Montreal Isl. (Be); St. Johns Co. VII (C).

MONACHUS Chev.

M. ater Hald. Terrebonne Co. (Hau); Stanstead Co. VII (M); Montreal Isl. VI (C); Chateauguay Co. VII (C).

M. saponatus Fabr. Montreal Isl. VI-VII (C); St. Johns Co. VI (C); Vaudreuil Co. VII (C); Ottawa Co. (H).

DIACHUS Lec.

D. auratus Fabr. Rimouski Co. VII (C); Levis Co. (Fy); Laurentian Mts., Terrebonne Co. VIII (C); Montreal and Jesus Isl. VII, on willow (C); Vaudreuil Co. VII (C); Ottawa Co. VI (H).

D. catarius Suffr. Rouville Co. VII, on willow (C); Ottawa Co. (H).

XANTHONIA Baly.

X. 10-notata Say. Terrebonne Co. (Hau); Rouville Co. VI (C); Chambly Co. VII (C); Montreal and Jesus Isl. V-VI (C); Vaudreuil Co. (Des).

X. villosula Mels. Rouville Co. V (C); Vaudreuil Co. VII (C).

ADOXUS Kirby.

A. obscurus Linn. Brome Co. VIII (M); Rouville Co. VI (C); St. Johns Co. VII (C); Montreal and Jesus Isl. VI-VII (C); Argenteuil Co. V (D'Ur). Feeds on grape.

GLYPTOSCELIS Lec.

G. pubescens Fabr. St. Johns Co. VII (C).

GRAPHOPS Lec.

G. curtipennis Mels. Rouville Co. VI (C).

G. pubescens Mels. Levis Co. (Fy); Rouville Co. V (C); Montreal Isl. V (C); Vaudreuil Co VI (C).

CHRYSOCHUS Redt.

C. auratus Fabr. Laurentian Mts., Terrebonne Co. VIII (C); St. Johns Co. VII (C); Montreal and Jesus Isl. VII (C); Argenteuil Co. (D'Ur). On Apocynum. Montmorency Co. VI (Be).

TYPOPHORUS Er.

T. canellus Fabr. Var. aterrimus Oliv. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. VII (C); Two Mountains Co. VI (C).

Var. gilvipes Horn. Rouville Co. V (C); Vaudreuil Co. VII (C).
Var. quadriguttatus Lec. St. Johns Co. (C); Rouville Co. VI (C); Montreal Isl. VI (C).
Var. thoracicus Mels. Chambly Co. VII (C); Vaudreuil Co. VII (C).
Var. quadrinotatus Say. Chambly Co. VI (C); St. Johns Co. VI (C); Jesus Isl. VI (C); Two Mountains Co. VI (C).

COLASPIS Fabr.

C. brunnea Fabr. Stanstead Co. VI (M); Montreal Isl. VII (Be).

RHABDOPTERUS Lef.

R. picipes Oliv. Rouville Co. VII (C); Montreal and Jesus Isl. VII (C); Vaudreuil Co. VII (C). On bass wood.

NODONOTA Lef.

N. puncticollis Say. Rouville Co. VI (C); Vaudreuil Co. VI (C).
N. tristis Oliv. Rouville Co. VI (C).

PRASOCURIS Latr.

P. obliquata Lec. Montreal Isl. (Be).
P. phellandri Linn. Montreal Isl. (Be); Jesus Isl. VII (C).
P. vittata Oliv. Levis Co. (Fy); Terrebonne Co. (Hau); Chambly Co. VI (C); Montreal and Jesus Isl. V-VII (C); Vaudreuil Co. (Des); Two Mountains Co. VI (C).

LABIDOMERA Chev.

L. clivicollis Kirby. Laurentian Mts. Terrebonne Co. VIII (C); Montreal and Jesus Isl. IV-VIII, (C); Vaudreuil Co. VII (C); Two Mountains Co. VI (C), on milk weed.

LEPTINOTARSA Stal.

L. 10-lineata Say. The well known "potato beetle" common from May to September.

ZIGOGRAMMA Chev.

Z. suturalis Fabr. St. Johns Co. VI (C); Montreal Isl. VII (C); Vaudreuil Co. V-VI (C).

CALLIGRAPHA Er.

C. elegans Ol. Levis Co. (Fy); Terrebonne Co. (Hau); Chambly Co. VII (Be); Brome Co. VII (W); Rouville Co. VI (St); Jesus Isl. VI-VII (C); Ottawa Co. VI (H).
C. multipunctata Say. Levis Co. (Fy); Terrebonne Co. (Hau); Brome Co. (W). Chambly Co. VII (C); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. VII (Des).

C. philadelphica Lin. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. (Des); Two Mountains Co. VI (C); Argenteuil Co. (D'Ur).

C. pnirsa Stal. Levis Co. (Fy); Chambly Co. VI (C); Rouville Co. VI (C); Montreal Isl. (O). On bass wood.

C. rowena Knab. Montreal Isl. VI (C).

C. scalaris Lec. Matane Co. (Bell); Levis Co. (Fy); Brome Co. VII (W); Terrebonne Co. (Hau); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur), on elm.

PLAGIODERA Redt.

P. viridis Say. Terrebonne Co. (Hau); Rouville Co. V (C).

GASTROIDEA Hope.

G. polygoni Linn. Chicoutimi Co. (Sa); Terrebonne Co. (Hau); St. Johns Co. V-VI (C); Montreal Isl. V, VII (C); Montmorency Co. VI (Be).

LINA Megerle

L. interrupta Fabr. Vaudreuil Co. V, (C); Argenteuil Co. (D'Ur), on alder.

L. scripta Fabr. Chicoutimi Co. (P); Terrebonne Co. (Hau); Rouville Co. VI (C); Vaudreuil Co. VI (C). On willow.

GONIOCTENA Redt.

G. pallida Lin. Levis Co. (Fy); Montreal Isl. (O).

PHYLLODECTA Kirby.

P. vitellinae Linn. Rimouski Co. VII (C); Terrebonne Co. (Hau); Montreal Isl. VII, (C); Argenteuil Co. VI (W), on willow.

CEROTOMA Chev.

C. trifurcata Fabr. Rouville VI (C); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. VI (Des).

PHYLLOBROTICA Redt.

P. decorata Say. St. Hyacinthe Co. (P); Rouville Co. VI (C); Vaudreuil Co. VII (C); Argenteuil Co. VII-VIII, on Scutellaria galericulata and laterifolia (D'Ur).

LUPERODES Mots.

L. meraca Say. Stanstead Co. (M); Chambly Co. VII (Be).

DIABROTICA Chev.

D. 12-punctata Oliv. Terrebonne Co. (Hau); Chateauguay Co. VII (C).

D. vittata Fabr. Terrebonne Co. (Hau); Missisquoi Co. (Fy); Montreal and Jesus Isl. V-VI (C); St. Johns Co. VI (C); Two Mountains Co. VI (C). Lives on cucumber.

TRIRHABDA Lec.

T. canadensis Kirby. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal and Jesus Isl. VII VIII (C); St. Johns Co. VIII (C); on Solidago.

T. virgata Lec. Terrebonne Co. (Hau); Montreal Isl. VII (C); Rouville Co. VII (C). On Solidago.

GALERUCELLA Cr.

G. cavicollis Lec. Rouville Co. VI (C); St. Johns Co. VII (C); Vaudreuil Co. VI (St).

G. decora Say. Levis Co. (Fy); Rouville Co. VI (C); Montreal and Jesus Isl. VI-VII, on willow, (C); Vaudreuil Co. (Des).

G. nymphaeae Linn. Terrebonne Co. (Hau); Brome Co. VII (W); Rouville Co. VII (C); St. Johns Co. VII (C). On water lily.

G. rufosanguinea Say. Chicoutimi Co. (Sa); Levis Co. (Fy); Terrebonne Co. (Hau); Brome Co. VII (W); Montreal and Jesus Isl. VI, VII (C); St. Johns Co. VI (C); Vaudreuil Co. (Des).

G. sexvittata Lec. Rouville Co. VI-VII (C).

BLEPHARIDA Rog.

B. rhois Forst. St. Hyacinthe Co. (P).

HYPOLAMPSIS Clark.

H. pilosa Ill. Vaudreuil Co. (O); Montreal Isl. VI (Be).

OEDIONYCHIS Latr.

O. limbalis Mels. Rouville Co. VI-VII (C); Vaudreuil Co. VI (C).
Var. subvittata Horn. Rouville Co. VI-VII (C).

O. quercata Fabr. Terrebonne Co. VI (C); Rouville Co. VI (C).

DISONYCHA Chev.

D. glabrata Fabr. St. Johns Co. VI (C).

D. pennsylvanica Ill. Brome Co. VII (W); St. Hyacinthe Co. (P); Rouville Co. V (C); Rouville Co. VII (C); Argenteuil Co. VI (W).

D. quinquevittata Say. Joliette Co. (O); Laurentian Mts. Terrebonne Co. VII (O); Rouville Co. VI (C).

D. xanthomelaena Dalm. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. V (C); Vaudreuil Co. VII (C).

HALTICA Geoff.

H. bimarginata Say. Joliette Co. (O); Terrebonne Co. (Hau); Rouville Co. VI (C).

H. carinata Germ. Terrebonne Co. (Hau).

H. fuscoaenea Mels. Rouville Co. VII (C); Montreal Isl. VII (C).

H. ignita Ill. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal and Jesus Isl. V-VI (C) Vaudreuil Co. VI (C).

CREPIDODERA Chev.

C. atriventris Mels. Montreal Isl. V (C); Vaudreuil Co. V (C); Two Mountains Co. VI (C).

C. helxines Linn. Rimouski Co. VII (C); Levis Co. (Fy); Terrebonne Co. (Hau); Montreal and Jesus Isl. IV-VII (C); St. Johns Co. VI (C); Vaudreuil Co. V-VII (C); Two Mountains Co. VI (C).

C. modeeri Lin. Rouville Co. VI (C); Montreal Isl. VIII (Be).

EPITRIX Foud.

C. cucumeris Harr. Joliette Co. (Q); Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal and Jesus Isl. IV-VII (C); Two Mountains Co. VI (C).

E. fuscula Cr. Montreal Isl. VI (C).

ORTHALTICA Cr.

O. copalina Fab. Rouville Co. (C); Montreal Isl. VIII (Be).

SYSTENA Clark.

S. frontalis Fabr. Terrebonne Co. (Hau); Montreal Isl. VIII (C); Vaudreuil Co. VII (C); Ottawa Co. (Fy).

S. hudsonias Forst. Terrebonne Co. (Hau); St. Hyacinthe Co. (P); St. Johns Co. VII (C); Montreal Isl. VII (C); Vaudreuil Co. (Des).

S. taeniata Say. St. Johns Co. VII (C); Montreal Isl. VIII (Be).

LONGITARSUS Latr.

L. insolens Horn. Montreal Isl. (C).

L. melanurus Melsh. St. Johns Co. V (C); Montreal Isl. IV (C).

L. testaceus Melsh. St. Johns VI (C); Vaudreuil Co. V (C).

L. turbatus Horn. Jesus Isl. VI (C).

GLYPTINA Lec.

G. spuria Lec. Rouville Co. V (C); Montreal Isl. VI (C); Vaudreuil Co. VI (C).

PHYLLOTRETA Foud.

P. armoraciae Linn. Montreal Isl. (W), on horse-radish.

P. bipustulata Fabr. St. Johns Co. VI (C).

P. sinuata Steph. Rouville Co. VI (C); Montreal and Jesus Isl. IV-VII (C); Two Mountains Co. VI (C); Vaudreuil Co. (Des).

P. vittata Fabr. Montreal and Jesus Isl. IV-VII (C); Vaudreuil Co. V (C); Two Mountains Co. VI (C).

MANTURA Steph.

M. floridana Cr. St. Johns Co. VI (C); Montreal Isl. V-VI (C).

CHAETOCNEMA Steph.

C. alutacea Cr. Portneuf Co. (P).

C. confinis Cr. Montreal Isl. (O).

C. denticulata Ill. Rouville Co. (C); St. Johns Co. VI (C).

C. minuta Melsh. Rouville Co. VI (C); Montreal Isl. V-VI (C).

C. subcylindrica Lec. Rouville Co. (C).

DIBOLIA Chev.

D. borealis Chev. St. Hyacinthe Co. VI (C); Montreal and Jesus Isl. V-VI (C); Vaudreuil Co. VI (C); Two Mountains Co. VI (C).

PSYLLIODES Lat.

P. punctulata Melsh. Rouville Co. V (C); Montreal Isl. IV-V (C).

MICRORHOPALA Baly.

M. excavata Oliv. Brome Co. VIII (M); Rouville Co. VI-VII (C); Montreal Isl. VI (C).

CHALEPUS Thunb.

C. nervosa Panz. Terrebonne Co. (Hau); Rouville Co. VI-VII (C); Montreal and Jesus Isl. VI-VII (C); St. Johns Co. VI (C); Two Mountains Co. VI (C).

C. rubra Web. Chambly Co. VII (C); Rouville Co. VI (Be).

CHARISTENA Baly.

C. nigrita Oliv. Rouville Co. V (C).

PHYSONOTA Boh.

P. unipunctata Say. Montreal Isl. VII-IX (W); Missisquoi Co. (Fy), on wild sunflower.

CASSIDA Linn.

C. viridis Linn. Levis Co. VII (Fy), on burdock and thistle.

COPTOCYCLA Chev.

C. bicolor Fabr. Terrebonne Co. (Hau); Missisquoi Co. (Fy); Montreal Isl. V-VI (C); Vaudreuil Co. VII (C).

C. signifera Herbst. Missisquoi Co. (Fy); Montreal Isl. VII (C); Chateauguay Co. VII (St)

C. purpurata Boh. Montreal Isl. (Be).

CHELYMORPHA Chev.

C. argus Licht. Levis Co. (Roy); Laurentian Mts., Terrebonne Co. VII (C); Brome Co. VIII (M); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. VII (C); Argenteuil Co. (Bell).

Family BRUCHIDAE

Small, thick-bodied beetles, living in the seeds of plants; stored peas and beans are often attacked. They are usually grayish, mottled with black and white.

BRUCHUS Linn.

B. calvus Horn. Ottawa Co. VII (Gm).

B. discoideus Say. Chateauguay Co. VII (C).

B. fraterculus Horn. Huntingdon Co. (O).

B. musculus Say. Rouville Co. VI (C); Montreal Isl. VI (C).

B. obtectus Say. Montreal Isl., in stored beans (C).

B. pisorum Linn. Terrebonne Co. (Hau); St. Johns Co. (C); Chateauguay Co. VII (C), in peas.

Family TENEBRIONIDAE

The beetles composing thisfamily are generally of moderate or large size, black or brown, oblong or oval in shape. They live on fungi as a rule but many are found in rotten wood and some species live in granaries, meal, farina, etc.

PHELLOPSIS Lec.

P. obcordata Kirby. Gaspé Co. (Hm); Matane Co. VIII (W); Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. IX (C); Missisquoi Co. (Fy).
Var. porcata Lec. Missisquoi Co. (Fy); Montmorency Co. VI (Be).

NYCTOBATES Guér.

N. pennsylvanicus DeG. Terrebonne Co. (Hau); Montreal Isl. VII (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be).

IPHTHIMUS Trug.

I. opacus Lec. Laurentian Mts. Terrebonne Co. VII (C); Sherbrooke Co. (Beg); Montreal Isl. IV (C); Vaudreuil Co. VII (O).

I. serratus Mann. Terrebonne Co. (Hau).

MERINUS Lec.

M. laevis Oliv. Montreal Isl. (W).

UPIS Fabr.

U. ceramboides Linn. Matane Co. (Bell); Chicoutimi Co. VII (Sa); Missisquoi Co. (Fy) Rouville Co. V-VI (C); Montreal Isl. VI-VII (C); Argenteuil Co. (D'Ur).

HAPLANDRUS Lec.

H. ater Lec. Montreal Isl. VI (Be).

H. femoratus Fabr. Montreal Isl. VII (Be).

SCOTOBATES Horn.

S. calcaratus Fabr. Terrebonne Co. (Hau); St. Johns Co. VI-VII (C); Montreal Isl. VII (C); Vaudreuil Co. VII (Des).

XYLOPINUS Lec.

X. saperdioides Oliv. Terrebonne Co. (Hau); Chambly Co. VII (St); Montreal Isl. VII (C) Montmorency Co. VI (Be).

TENEBRIO Linn.

T. molitor Linn. Brome Co. VII (W); St. Johns Co. in granaries (S); Montreal Isl. in storehouses (C).

T. obscurus Fabr. Missisquoi Co. (Fy); Montreal Isl. VII (C).

T. tenebrioides Beauv. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. IV-VII under bark (C).

BLAPSTINUS Latr.

B. interruptus Say. Rouville Co. V (C); Montreal Isl. IV (C).

B. metallicus Fabr. Montreal Isl. IV- IX (C).

B. moestus Melsh. Montreal Isl. IV (C).

TRIBOLIUM MacL.

T. ferrugineum Fabr. Montreal Isl. in farina (C).

ULOMA Lap.

U. impressa Melsh. Rouville Co. VII (C); Montreal Isl. (W).

ANAEDUS Blanch.

A. brunneus Ziegl. Portneuf Co. (P).

PARATENETUS Spin.

P. fuscus Lec. Montreal Isl. IV (C); Vaudreuil Co. VII (C).

P. punctatus Sol. St. Johns Co. V (C).

DYAPERIS Geoff.

D. hydni Fabr. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal and Jesus Isl. VI-VII (C);Vaudreuil Co. VI (Des); Two Mountains Co. VI (C); Montmorency Co. VI (Be).

ARRHENOPLITA Kirby.

A. bicornis Oliv. Terrebonne Co. (Hau); Sherbrooke Co. (Beg); Rouville Co. VI (C); Montreal and Jesus Isl. V-IX (C); Vaudreuil Co. VII (St); Montmorency Co. VI (Be).

PLATYDEMA Lap.

P. americanum Lap. Rouville Co. V (C); Chambly Co. IV (C); Montreal Isl. V (C).

P. excavatum Say. Rouville Co. V (C).

P. laevipes Hald. Montreal Isl. (W).

P. ruficorne Sturm. Terrebonne Co. (Hau); Montreal and Jesus Isl. V (C).

P. subcostatum Lat. Terrebonne Co. (Hau).

PHYLETHUS Meg.

P. bifasciatus Say. Montreal Isl. VI (C).

HYPOPHLOEUS Fabr.

H. parallelus Melsh. Montreal Isl. (Be).

BOLETOTHERUS Cand.

B. bifurcus Fabr. Missisquoi Co. (Fy); Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal and Jesus Isl. VI-VIII (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur).

BOLETOPHAGUS Ill.

B. corticola Say. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. VI (C); Ottawa Co. V (Be).

Family CISTELIDAE

A family of black or brown beetles, convex, tapering to a point posteriorly. They are found on foliage, flowers and under bark.

HYMENORUS Muls.

H. niger Mels. Rouville Co. VI (C); St. Johns Co. VI (C); Jesus Isl. VII (C).

H. obscurus Say. St. Johns Co. VI (C); Vaudreuil Co. VI (C).

CISTELA Fabr.

C. brevis Say. Montreal Isl. (Be).

C. sericea Say. St. Hyacinthe Co. VII (C); Montreal Isl. VI (C); Vaudreuil Co. VII (C); Two Mountains Co. VI (C).

ISOMIRA Muls.

I. quadristriata Coup. Terrebonne Co. (Hau); Chambly Co. VI (C); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. VI (C).

MYCETOCHARA Berth.

M. bicolor Lec. Laurentian Mts. Terrebonne Co. (O); Rouville Co. VI (C).
M. fraterna Say. Rouville Co. VI-VII (C).
M. haldemani Lec. Montreal Isl. VI (C).

CAPNOCHROA Lec.

C. fuliginosa Melsh. Rouville Co. VI (C); Vaudreuil Co. VII (C).

ANDROCHIRUS Lec.

A. erythropus Kirby. Stanstead Co. VII (M); St. Hyacinthe Co. (P); Montreal Isl. VI (C).

Family LAGRIIDAE

A small family of black or bronzed insects of moderate size. They occur on foliage.

ARTHROMACRA Kirby.

A. aenea Say. Laurentian Mts., Terrebonne Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. VII (Des).

STATIRA Latr.

S. gagatina Melsh. Montreal Isl. VI (C).

Family MELANDRYIDAE

These insects are usually slender in form, black or brown often with yellowish or reddish markings. They are found under bark, in dry fungi and vegetable matter.

TETRATOMA Fabr.

T. tessellata Melsh. Montreal Isl. (O).

PENTHE Newm.

P. obliquata Fabr. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. (Des).
P. pimelia Fabr. Rouville Co. VI (C); Jesus Isl. VI (C); Montreal Isl. VIII (Be).

SYNCHROA Newm.

S. punctata Newm. Laurentian Mts., Terrebonne Co. VI (C); St. Hyacinthe Co. VI (C); Rouville Co. VI (C).

MELANDRYA Fabr.

M. striata Say. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal and Jesus Isl. V-VIII (C); Vaudreuil Co. (Des); Two Mountains Co. VI (C); Chambly Co. VI (W); Montmorency Co. VI (Be).

EMMESA Newm.

E. connectens Newm. St. Johns Co. VI (C); Montreal Isl. VI (C); Montmorency Co. VI (Be).

ZILORA Muls.

Z. hispida Lec. St. Hyacinthe Co. (P).

Z. nuda Prov. Portneuf Co. (P).

SPILOTUS Lec.

S. quadripustulosus Melsh. St. Johns Co. VI (C); Montreal Isl. VI (C).

SCOTOCHROA Lec.

S. atra Lec. St. Johns Co. VI (C); Montreal Isl. VII (Be).

ENCHODES Sec.

E. sericea Hald. Rouville Co. VII (C).

SERROPALPUS Hellw.

S. barbatus Schall. Matane Co. (Bell); Terrebonne Co. (Hau); Missisquoi Co. (Fy); Montreal Isl. VII (C); Vaudreuil Co. VI (C).

HYPULUS Payk.

H. simulator Newm. Chicoutimi Co. (P); Rouville Co. VI (C); Montreal Isl. V (C); Montmorency VI (Be).

DIRCAEA Fabr.

D. liturata Lec. Stanstead Co. VII (M); Rouville Co. VII (C); Montreal Isl. VII (St); Montmorency VI (Be).

SYMPHORA Lec.

S. flavicollis Hald. Rouville Co. VI (C); Montreal Isl. (O).

S. rugosa Hald. Montmorency VI (Be); St. Johns Co. VI (C); Montreal VII (C).

EUSTROPHUS Ill.

E. bifasciatus Say. Montreal Isl. V (C).
E. repandus Horn. Rouville Co. V (C); Vaudreuil Co. V (C).
E. tomentosus Say. Montreal Isl. (Be).

HALLOMENUS Panz.

H. scapularis Melsh. Montreal Isl. (Be).

ORCHESIA Lec.

O. castanea Melsh. Montreal Isl. VI (C); Montmorency VI (Be); Ottawa Co. VI (Be).

CANIFA Lec.

C. pallipes Melsh. Vaudreuil Co. (O); Montreal Isl. VIII (Be).
C. plagiata Melsh. Rouville Co. VI (C).
C. pusilla Hald. Montreal Isl. (Be).

Family PYTHIDAE

A small family resembling the *Melandryidae* in habits.

CRYMODES Lec.

C. discicollis Lec. Levis Co. (Be); Rimouski Co. V (Be).

BOROS Hbst.

B. unicolor Say. Terrebonne Co. (Hau); St. Hyacinthe Co. (P); Rouville Co. VI (Be).

SALPINGUS Gyll.

S. virescens Lec. St. Johns Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. V (C); Two Mountains Co. VI (C).

RHINOSIMUS Latr.

R. viridiaeneus Rand. Montreal Isl. (O); Vaudreuil Co. V (C).

Family OEDEMERIDAE

The insects of this family are cylindrical in shape, the elytra soft as in the *Lampyridae*. They occur on flowers and foliage, sometimes under bark.

CALOPUS Fabr.

C. angustus Lec. Montreal Isl. (Be).

DITYLUS Fisch.

C. caeruleus Rand. Rimouski Co. VII (C); Terrebonne Co. (Hau); Montreal Isl. IV (C).

NACERDES Schm.

N. melanura Linn. Quebec and Montreal in the streets near shipping (Fy. C).

ASCLERA Schm.

A. puncticollis Say. Rouville Co. VII (C); Montreal Isl. VI (C); Vaudreuil Co. VII (St).

A. ruficollis Say. Terrebonne Co. (Hau); Rouville Co. V (C); St. Johns Co. VI (C); Vaudreuil Co. V (C); Montreal Isl. VI (W).

Family CEPHALOIDAE

One species of this small family occurs in our fauna. It is a slender insect, slightly buil and yellowish in color.

CEPHALOON Newm.

C. lepturides Newm. Montreal Isl. VI (C).

Family MORDELLIDAE

The insects of this family are small, the abdomen terminating into a pointed proces; they are covered with silky hair which often takes the form of bands and spots. They occu on flowers and on dead trees.

ANASPIS Geoffr.

A. flavipennis Hald. Terrebonne Co. (Hau); St. Johns Co. VI (C); Vaudreuil Co. VII (C) Montreal Isl. VII (W).

A. rufa Say. Rimouski Co. VII (C); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. VII (C).

TOMOXIA Costa.

T. bidentata Say. St. Hyacinthe Co. (P); Montreal Isl. VII (C).

MORDELLA Linn.

M. borealis Lec. Vaudreuil Co. VII (C).

M. marginata Mels. St. Hyacinthe Co. VII (C); Rouville Co. VI (C); Montreal and Jesus Isl. VI-VIII (C); Vaudreuil Co. VII (O).

M. melaena Germ. Terrebonne Co. (Hau); St. Hyacinthe Co. (P); Montreal Isl. VII (C).

M. scutellaris Fabr. Levis (Fy).

M. serval Say. Stanstead Co. (M); St. Johns Co. VII (C); Montreal Isl. (O).

M. triloba Say. Rouville Co. VII (C); Montreal Isl. VII (C).

MORDELLISTENA Costa.

M. aspersa Mels. Rouville Co. VII (C); St. Johns Co. VI-VII (C); Montreal Isl. (C).
M. bihamata Mels. St. Johns Co. VII (C); Vaudreuil Co. VII (M).
M. biplagiata Helm. Montreal Isl. VI (C); Vaudreuil Co. V-VI (C).
M. comata Lec. St. Johns Co. VI (C).
M. decorella Lec. Joliette Co. (O); Montreal Isl. (Be).
M. grammica Lec. Vaudreuil Co. VII (C).
M. limbalis Mels. Rouville Co. VI (C); Montreal Isl. VII (C); Vaudreuil Co. (O).
M. liturata Mels. Montreal Isl. VII (C).
M. marginalis Say. Rouville Co. VI (C).
M. nigricans Mels. St. Johns Co. VI (C); Rouville Co. VI (C); Montreal Isl. VII (C); Argenteuil Co. (D'Ur).
M. ornata Melsh. St. Hyacinthe Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. (O).
M. pubescens Fabr. Montreal Isl. VII (C).
M. pustulata Melsh. Montreal Isl. VI (C).
M. scapularis Say. Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal Isl. (O).
M. tosta Lec. Montreal Isl. (C); Vaudreuil Co. (O).
M. trifasciata Say. Joliette Co. (O); Rouville Co. VII (C); Vaudreuil Co. (O).
M. vapida Lec. Montreal Isl. (Be).
M varians Lec. Montreal Isl. (C); Vaudreuil Co. (O).

Family ANTHICIDAE

Mostly small beetles. They occur on flowers, and foliage, others on sand, resembling ants.

STEREOPALPUS Laf.

S. mellyi Lap. Vaudreuil Co. (M).

CORPHYRA Say.

C. collaris Say. Rouville Co. V-VI (C).
C. elegans Hentz. St. Hyacinthe Co. VI (C); Rouville Co. V (C); Montreal Isl. (St).
C. fulvipes Newm. Terrebonne Co. (Hau); Montreal Isl. VI (C); Rouville Co. V (C).
C. lugubris Say. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal and Jesus Isl. VI (C)
C. newmani Lec. Rouville Co. V (C); Montreal Isl. VI (C).
C. terminalis Say. Montreal Isl. (O); Rouville Co. V (C).

XYLOPHILUS Latr.

X. basalis Lec. Rouville Co. VI (C); Vaudreuil Co. (O).
X. fasciatus Mels. St. Johns Co. VII (C).
X. piceus Lec. Montreal Isl. (C).

MACRATRIA Newm.

M. murina Fabr. Joliette Co. (O); Montreal Isl. (Be).

NOTOXUS Geoffr.

N. anchora Hentz. Terrebonne Co. (Han); Montreal Isl. (C).
N. monodon Fabr. Rouville Co. VI (C); Vaudreuil Co. VII (C).

ANTHICUS Payk.

A. cervinus Lap. Montreal Isl. (O); Vaudreuil Co. (O).
A. difficilis Lec. Montreal Isl. VI (C).
A. floralis Linn. Montreal Isl. VI (C).
A. formicarius Lap. Terrebonne Co. (Hau); Chambly Co. VI (C); St. Johns Co. (C).
A. scabriceps Lec. Montreal Isl. V (C).

Family PYROCHROIDAE

Large insects, soft in texture, black, blue or yellow. The antennae are strongly serrated or flabellate. They generally occur under the loose bark of dead trees.

PYROCHROA Geoffr.

P. flabellata Fabr. Montreal Isl. VI (C); St. Johns VI (C).

SCHIZOTUS Newm.

S. cervicalis Newm. Quebec VI (Hm); Terrebonne Co. (Hau); Rouville Co. V-VI (C); Montreal Isl. VI (C).

DENDROIDES Lec.

D. canadensis Latr. Terrebonne Co. (Hau); Montreal Isl. V (C); St. Johns VI (C).
D. concolor Newm. Missiquoi Co. (Fy); Montreal Isl. VI (C); Vaudreuil Co. V (C).
D. bicolor Newm. Montreal Isl. VI (Be).

Family MELOIDAE

These insects are commonly called "oil beetles" or "blister beetles." They are soft in texture, generally slender in form; some species (*Meloe*) have a very large abdomen with abortive elytra. They are usually brightly colored, metallic, striped or spotted. The larvae

of some species live in grasshopper egg-pods and are highly beneficial, since they form one of the most important checks to grasshopper increase.

MELOE Linn.

M. americanus Leach. Terrebonne Co. (Hau).

M. angusticollis Say. Laurentian Mts. Terrebonne Co. VIII (C); Argenteuil Co. (D'Ur); Montreal Isl. IX (C); Ottawa Co. (Fy).

M. moerens Lec. Montreal Isl. (O).

M. niger Kirby. Terrebonne Co. (Hau); Montreal Isl. (C).

MACROBASIS Lec.

M. unicolor Kirby. Montreal Isl. VI (C); Rouville Co. VI (C); Chateauguay Co. VII (C); Labelle Co. VII (Fletcher).

EPICAUTA Redt.

E. cinera Forst. Missisquoi Co., on potato plants (Fy).

E. pennsylvanica Deg. Kamouraska Co. (Chapais); Terrebonne Co. (Hau).

E. trichrus Pall. St. Johns Co. VII (C).

POMPHOPOEA Lec.

P. sayi Lec. Isle of Orleans VI (Hm); Levis Co. (Fy); Laurentian Mts., Terrebonne Co. VI (W); Labelle Co. VI (Lyman).

Sub-Order RHYNCHOPHORA.

The insects which compose this sub-order consisting of the remaining families are called snout-beetles or weevils. The head is prolonged into a snout or beak at the end of which the mouth parts are situated. They are small or moderate sized insects generally black or brown, more or less covered with hair or scales often forming patterns as lines or spots.

Family BRENTHIDAE

A family containing very elongate, slender beetles. Our only species occurs under bark.

EUPSALIS Lec.

E. minuta Drury. Levis Co. (Fy); Berthier Co. VI (Be); Terrebonne Co. (Hau); Vaudreuil Co. (O).

Family ANTHRIBIDAE

A small family of brown or fuscous, often variegated species.

GONOTROPIS Lec.

G. gibbosus Lec. Chicoutimi Co. (P); Montreal Isl. (O).

EURYMICTER Lec.

E. fasciatus Oliv. St. Hyacinthe Co. (P); Montreal Isl. VI (C); St. Johns Co. VII (C).

ALLANDRUS Lec.

A. bifasciatus Lec. Montreal Isl. (O); Chambly Co. VII (C); Vaudreuil Co. VI (C).

ANTHRIBUS Geoff.

A. cornutus Say. Levis Co. (Fy).

EUPARIUS Schon.

E. marmoreus Oliv. Montreal and Jesus Isl. VII-IX (C); Vaudreuil Co. (Des).

BRACHYTARSUS Schon.

B. sticticus Boh. Jesus Isl. VII (Be).
B. tomentosus Say. Jesus Isl. VII (Be).

Family CURCULIONIDAE

This large family which has been divided into a number of subfamilies contains nearly all the Rhynchophora. The beetles are of small to moderate size and are at once distinguished by a well-developed beak. They are plant feeders and are often very injurious.

Subfamily RHINOMACERINAE

RHINOMACER Fabr.

R. pilosus Fabr. Rouville Co. V (C); Vaudreuil Co. V (C); Montreal Isl. VI (Be).

Subfamily RHYNCHITINAE

RHYNCHITES Hbst.

R. aeratus Say. Chateauguay Co. VII (C).
R. bicolor Fabr. Montreal Isl. (O).
R. cyanellus Lec. Joliette Co. (O); Montreal Isl. (C); Vaudreuil Co. (O); Ottawa Co. (H).

Subfamily ATTELABINAE

ATTELABUS Linn.

A. analis Ill. Temiscouata Co. VII (Sa).
A. rhois Boh. Terrebonne Co. (Hau); Stanstead Co. (M).

Subfamily APIONINAE

APION Hbst.

A. griseum Smith. Joliette Co. (O); Montreal Isl. (O); Vaudreuil Co. VI (C).
A. huron Fall. Chambly Co. (O); Montreal Isl. (O).
A. nigrum Hbst. St. Johns Co. (C).
A. patruele Smith. Rouville Co. VI (C).
A. segnipes Say. Montreal Isl. VI (C).
A. walshii Smith. Joliette Co. (Hau); Stanstead Co. (M); Montreal Isl. V (C).

PODAPION Riley.

P. gallicola Riley. Vaudreuil Co. VI (C).

Subfamily ITHYCERINAE

ITHYCERUS Sch.

I. noveboracensis Forst. Levis Co. (Fy); Terrebonne Co. (Hau); Chambly Co. VI (C); Montreal Isl. VI-VII (C); Chateauguay Co. VII (S); Ottawa Co. V (H). On beech.

Subfamily OTIORHYNCHINAE

EPICAERUS Sch.

E. imbricatus Say. Montreal Isl. VI (C).

HORMORUS Horn.

H. undulatus Uhler. Quebec VI (Hm); Montreal Isl. VI (C).

ANAMETIS Horn.

A. granulatus Say. Montreal Isl. (O); Vaudreuil Co. VII (C).

PHYXELIS Sch.

P. rigidus Say. Terrebonne Co. (Hau); Montreal Isl. VI (C); St. Johns Co. V (C); Vaudreuil Co. VI (C).

OTIORHYNCHUS Germ.

O. ovatus Linn. Terrebonne Co. (Hau); Montreal Isl. VII-VIII (C); Vaudreuil Co. VII (St); Two Mountains Co. VI (C).

O. rugifrons Gyll. Gaspé Co. (Hm).

O. singularis Linn. Montreal Isl. (O).

O. sulcatus Fabr. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VI-VIII (C).

POLYDRUSUS Germ.

P. americanus Gyll. Montreal Isl. V (C); Montmorency Co. VI (Be).

SCIAPHILUS Steph.

S. muricatus Fabr. Montreal Isl. (O).

BARYPEITHES Duval

B. pellucidus Boh. Montreal Isl. V-VII (Gm).

STROPHOSOMUS Steph.

S. coryli Fabr. Montreal Isl. (O).

SCYTHROPUS Sch.

S. elegans Coup. Rouville Co. V, on willow (W); Montreal Isl. VI (Be).

Subfamily CURCULIONINAE

SITONA Germ.

S. flavescens Marsh. Rouville Co. V (C); Montreal Isl. VI (C); Vaudreuil Co. VI (C); Argenteuil Co. (D'Ur).

S. hispidula Germ. Rouville Co. VI-VII (C); Montreal Isl. V-VII (C), on clover

S. tibialis Hbst. Terrebonne Co. (Hau); Montreal and Jesus Isl. V-VIII (C); Vaudreuil Co. (Des); Two Mountains Co. VI (C).

TRICHALOPHUS Lec.

T. alternatus Say. Levis Co. (Fy); Ottawa Co. VI (H).

PHYTONOMUS Sch.

P. comptus Say. Montreal Isl. (O); St. Johns Co. VI (C).

P. nigrirostris Fabr. Terrebonne Co. (Hau); Rouville Co. V-VI (C); Chambly Co., Montreal and Jesus Isl. V-VII (C); Vaudreuil Co. (Des); Two Mountains Co. VI (C).

HYPERA Germ.

H. punctata Fabr. Montreal Isl. VII, IX (C). off Rouville Co. VI (Be). Injurious to clover.

LEPYRUS Sch.

L. palustris Scop. Terrebonne Co. (Hau); Montreal Isl. VII, (C); Vaudreuil Co. VII, (Des) Chateauguay Co. VII (St). Berther Co. VI (Be), on willow.

LISTRONOTUS Jek.

L. appendiculatus Boh. Terrebonne Co. (Hau); Montreal Isl. VII (C); Huntingdon Co. (O).

L. caudatus Say. Chambly Co. (O); Huntingdon Co. (O).

L. latiusculus Boh. Chambly Co. (O); Rouville Co. VII (C); Vaudreuil Co. (O).

L. squamiger Say. St. Hyacinthe Co. (P); Rouville Co. VI (C); Huntingdon Co. VI (C).

L. tuberosus Lec. Montreal Isl. (O); Vaudreuil Co. VI (C).

HYPERODES Jekel.

H. delumbis Gyll. St. Johns Co. VI (C).

H. humilis Boh. Joliette Co. (O); Montreal Isl. V, VI (C); St. Johns Co. VII (C); Vaudreuil Co. (O).

H. porcellus Say. Montreal Isl. (O); Vaudreuil Co. (O).

H. solutus Boh. Joliette Co. (O); St. Hyacinthe Co. (P); Rouville Co. VI (C); Montreal Isl. VI (C).

H. sparsus Say. Gaspé Co. (Hm); St. Johns Co. VII (C); Montreal Isl. (O); Vaudreuil Co. VII (C).

PISSODES Germ.

P. affinis Rand. St. Johns VI (C).

P. strobi Peck. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. VI (Be). Injurious to pine and spruce.

HYLOBIUS Germ.

H. confusus Kirby. Levis Co. (Fy); Rouville Co. VI (C); Montreal Isl. V (Be).

H. pales Hbst. Chicoutimi Co. (Sa); Terrebonne Co. (Hau); St. Johns Co. V (C); Rouville Co. V (C); Vaudreuil Co. (Des); Montreal Isl. V (Be).

HYPOMOLYX Lec.

H. piceus DeG. Levis Co. (Fy).

DORYTOMUS Steph.

D. brevicollis Lec. Montreal Isl. VI (C).
D. mucidus Say. Montreal Isl. (O).

GRYPIDIUS Sch.

G. equiseti Fabr. Rouville Co. VI (C); Montreal Isl. V (C); Champlain Co. VI (Be).

NOTARIS Germ.

N. puncticollis Lec. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. (O); Vaudreuil Co. VI (C).

SMICRONYX Sch.

S. corniculatus Fabr. Montreal Isl. (Be).

ENDALUS Lap.

E. ovalis Lec. Chambly Co. (O); Montreal Isl. (Be); Chateau guay Co. VII (C).

TANYSPHYRUS Sch.

T. lemnae Fabr. Montreal Isl. on aquatic plants (Be).

ANCHODEMUS Lec.

A. augustus Lec. Chambly Co., on aquatic plants (O).

LIXELLUS Lec.

L. filiformis Lec. Lake on Mt. St. Hilaire, Rouville Co. VII (C); Chambly Co. (O). On aquatic plants.

BAGOUS Germ.

B. magister Lec. Vaudreuil Co. VI (C).
B. mammillatus Say. Montreal VI (C).

PROCTORUS Lec.

P. decipiens Lec. Vaudreuil Co. VI (C).

THYSANOCNEMIS Lec.

T. fraxini Lec. St. Johns Co. VI (C).

OTIDOCEPHALUS Chevr.

O. chevrolatii Horn. Montreal Isl. VI (C); Vaudreuil Co. VI (C).

O. myrmex Hbst. Jesus Isl. VI (C); Montreal Isl. VI (Be); Vaudreuil Co. V-VI (C)

MAGDALIS Germ.

M. armicollis Say. Terrebonne Co. (Hau); Montreal Isl. VI (C); St. Johns Co. (C)

M. barbita Say. Montreal Isl. VI (C); Rouville Co. VII (C).

M. olyra Hbst. Montreal VII (C).

M. pandura Say. Montreal Isl. V (Be).

BALANINUS Germ.

B. baculi Chitt. Montreal Isl. (O).

B. nasicus Say. Isle of Orleans (Fy); Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. (O); very destructive to acorns.

B. obtusus Blanch. Joliette Co. (O).

B. rectus Say. Montreal Isl. (W); Ottawa Co. VI (H).

ACALYPTUS Sch.

A. carpini Hbst. Montreal and Jesus Isl. V-VII (C); Rouville Co. VI (C); St. Johns Co. VI (C); Vaudreuil Co. VI-VII (C), on willow.

ORCHESTES Ill.

O. ephippiatus Say. Terrebonne Co. (Hau); Montreal Isl. V-VII (C); Chambly Co. VI (C); Rouville Co. VI (C).

O. niger Horn. Montreal Isl. V-VI (C); Vaudreuil Co. (Des).

O. pallicornis Say. Portneuf Co. (P); Rouville Co. VI (C); Vaudreuil Co. V (C).

O. rufipes Lec. Montreal Isl. V (Be); Rouville Co. VII (C).

ELLESCHUS Stephens.

E. bipunctatus Linn. Laurentians Mts., Terrebonne Co. (O); Rouville Co. V-VI (C); Montreal and Jesus Isl. VI (C); Vaudreuil Co. VII (C).

E. ephippiatus Say. Montreal and Jesus Isl. V-VII (C); Vaudreuil Co. VI (C).

TRACHYPTERUS Dietz.

T. quadrigibbus Say. Terrebonne Co. (Hau); Vaudreuil Co. (Des).

ANTHONOMUS Germ.

A. corvulus Lec. Montreal Isl. VI (C); Vaudreuil Co. VI (C).

A. elongatus Lec. Vaudreuil Co. VII (M).

A. flavicornis Boh. Portneuf Co. (P).

A. nebulosus Lec. Vaudreuil Co. VII (C).

A. nigrinus Boh. Portneuf Co. (P); Montreal Isl. VI (C).

A. rufipennis Sec. Montreal Isl. V (C); Vaudreuil Co. V (C); Chateauguay VII (C).

A. signatus Say. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal and Jesus Isl. V-VII (C); Vaudreuil Co. V (C).

A. suturalis Lec. Montreal and Jesus Isl. VI, on willow (C).

A. sycophanta Walsh. Rouville Co. VI (C); Montreal Isl. V-VI on willow (C).

PSEUDANTHONOMUS Dietz.

P. crataegi Walsh. Montreal Isl. (O).

PIAZORHINUS Sch.

P. scutellaris Say. Portneuf Co. (P).

GYMNETRON Sch.

G. tetrum Fabr. Terrebonne Co. (Hau); Montreal and Jesus Isl. V-VIII (C); St. Johns Co. VI (C); Vaudreuil Co. (Des); Wright Co. (H). Common on Mullein:

LIXUS Fabr.

L. concavus Say. Vaudreuil Co. (O).

L. rubellus Rand. Rouville Co. V-VI (C).

MADARELLUS Casey.

M. undulatus Say. Levis Co. (Fy); Rouville Co. V (C); Vaudreuil Co. VI (C).

PSEUDOBARIS Lec.

P. nigrina Say. Montreal Isl. (O).

LIMNOBARIS Bedel.

L. prolixa Lec. Rouville Co. V (C).

L. rectirostris. Lec. Quebec Co. (P); Levis Co. (Fy); Stanstead Co. VII (M); Rouville Co. VI (C).

IDIOSTETHUS Casey.

I. tubulatus Say. Rouville Co. V (C).

GELUS Casey.

G. oculatus Say. Rouville Co. VI (C).

ACOPTUS Lec.

A. suturalis Lec. Montreal Isl. (Be); Rouville Co. VI (C); Vaudreuil Co. VII (C).

PSOMUS Casey.

P. politus Casey. Rouville Co. VI (C).

MONONYCHUS Germ.

M. vulpeculus Say. Terrebonne Co. (Hau); Montreal and Jesus Isl. VI (C); Chambly Co. V (St); St. Johns Co. VI (C); Vaudreuil Co. (Des). Breeds in the seed pods of *Iris versicolor*.

AULEUTES Dietz.

A. nebulosus Lec. Rouville Co. VII (C); Montreal and Jesus Isl. VI (C); Vaudreuil Co. (O)
A. tenuipes Lec. Vaudreuil Co. VII (C).

ACALLODES Lec.

A. ventricosus Lec. Vaudreuil Co. VII (C).

CEUTORHYNCHUS Germ.

C. cyanipennis Germ. Montreal Isl. VI (C); Rouville Co. VI (C).
C. puberulus Lec. St. Johns Co. VI (C).
C. pusio Mann. Montreal Isl. (O); Vaudreuil Co. (O).
C. rapae Gyll. Montreal Isl. (O).
C. semirufus Lec. Rouville Co. V (C).
C. septentrionalis Gyll. Rouville Co. VI (C); Montreal and Jesus Isl. V-VI (C); Vaudreuil Co. VI (C). On wild mustard.
C. sulcipennis Lec. Portneuf Co. (P); Chateauguay Co. VII (C).

PERIGASTER Dietz.

P. cretura Hbst. St. Johns Co. (C).

PELENOMUS Thom.

P. sulcicollis Fabr. Stanstead Co. VII (M); Rouville Co. V (C); Chateauguay Co. VII (C); Vaudreuil Co. VI (C).

RHINONCUS Sch.

R. pyrrhopus Boh. Portneuf Co. (P); Rouville Co. V (C); Montreal Isl. VI (Be); Chateauguay Co. VII (C); Vaudreuil Co. (Des).

CONOTRACHELUS Sch.

C. anaglypticus Say. Rouville Co. VI (C); Montreal Isl. VI (C).
C. geminatus Lec. Vaudreuil Co. VI (C).
C. juglandis Lec. Isle of Orleans (Fy); Montreal Isl. (O).

C. nenuphar Hbst. Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal Isl. IV (Be); Jesus Isl. VII (C). Very injurious to plum.

C. posticatus Boh. Terrebonne Co. (Hau); Rouville Co. VI (St); Montreal Isl. V (C).

C. crataegi Walsh. Rouville Co. VI (Be).

PSEUDOMUS Sch.

P. truncatus Lec. Ottawa Co. (H).

TYLODERMA Say.

T. aerea Say. Rouville Co. VI-VII (C); Montreal Isl. VI (C); Vaudreuil Co. (O); Two Mountains Co. VI (C).

T. foveolata Say. Rouville Co. VI (C).

CRYPTORYNCHUS Ill.

C. bisignatus Say. Portneuf Co. (P).

C. fuscatus Lec. St. Johns Co. VI (C).

C. lapathi Linn. Joliette Co. VII (Bl); St. Johns Co. IX (Bl).

C. parochus Say. Terrebonne Co. (Hau); Montreal Isl. (O); Rouville Co. VI (C).

Subfamily COSSINAE

DRYOPHTHORUS Sch.

D. americanus Bedel. Isle of Orleans (Fy); Châteauguay Co. VII (C).

COSSONUS Clairv.

C. corticola Say. Terrebonne Co. (Hau); Montreal and Jesus Isl. VI-VII (C); St. Johns Co. VI (C); Vaudreuil Co. (Des).

PHLOEOPHAGUS Sch.

P. apionides Horn. Montreal Isl. VI (C).

STENOSCELIS Woll.

S. brevis Boh. Montreal Isl. (Be).

Subfamily CALANDRINAE

SPHENOPHORUS Sch.

S. callosus Oliv. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. (Be); Vaudreuil Co. (Des).

S. costipennis Horn. Montreal Isl. V (C).

S. pertinax Lec. Terrebonne Co. (Hau); Montreal Isl. IV (C).

CALANDRA Clairv.

C. granaria Linn. Levis Co. in grain stores (Fy); Terrebonne Co. (Hau).

Family IPIDAE

These are the "bark-beetles." They bore in wood or bark and cause great injury to forest trees. They are generally small and cylindrical.

ECCOPTOGASTER Herbst.

E. piceae Swaine. Vaudreuil Co. (S); Montreal Isl. (S); Ottawa Co. (S). In *Abies* and *Picea* dead branches.

E. quadrispinosus Say. Vaudreuil Co. (S).

CRYPHALUS Erich.

C. balsameus Hopk. Rouville Co.; Montreal Isl.; Ottawa Co.; in dying branches of *Abies balsamea* (S).

LYMANTOR Lov.

L. decipiens Lec.; Montreal, Isl. (S); on *Acer.*

DRYOCOETES Eichh.

D. affaber Mann. Quebec Prov.; in *Pinus, Picea* (S).

D. americanus Hopk. Everywhere in Quebec coniferous forests; *Picea, Larix, Pinus*

D. betulae Hopk. Montreal Isl. (S); Vaudreuil Co. (S); In *Betula lutea* (S).

D. piceae Hopk. Montreal Isl.; Vaudreuil Co.; in *Pieca* (S).

XYLEBORUS Eichh.

X. canadensis Swaine. Isle Perrot VIII in *Quercus.*

ANISANDRUS Ferrari.

A. minor Swaine. Vaudreuil Co.; Montreal Isl.; Rouville Co.; in *Betula, Acer, Fagus Quercus,* (S).

A. obesus Lec. (*serratus* Swaine) Rouville Co.; Montreal Isl.; Vaudreuil Co.; in *Betula Quercus, Acer, Fagus,* (S).

A. populi Swaine. Montreal Isl., in trunks of *Populus.*

CONOPHTHORUS Hopk.

C. coniperda Sz. Ottawa Co., in cones of *Pinus* (S)

PITYOPHTHORUS Eichh.

P. canadensis Swaine. Quebec province, in twigs of *Pinus* (S)
P. cariniceps Lec. Occurs in Nova Scotia and possibly in South-eastern Quebec (S).
P. minutissimus Zimm. Quebec Prov. on *Quercus* and *Fagus* (S).
P. nitidus Swaine. Quebec province, in *Picea canadensis* (S.)
P. nudus Swaine. Quebec province, in *Picea canadensis* (S)
P. opaculus Lec. Montreal Isl.; twigs of *Picea, Pinus* and *Larix* (S).
P. puberulus Lec. Montreal Isl.; Vaudreuil Co.; twigs of *Pinus* (S).
P. pulicarius Zimm. Montreal Isl., *Pinus* (S).
P. ramiperda Swaine. Montreal Isl., in twigs of living *Pinus strobus* (S)

PITYOGENES Bedel.

P. hopkinsi Swaine. Montreal Isl.; Rouville Co.; Ottawa Co. Most abundant bark-beetle in pines (S).

ORTHOTOMICUS Ferrari.

O. caelatus Eichh. Montreal Isl.; Rouville Co.; Vaudreuil Co.; Ottawa Co.; *Pinus, Picea, Larix* (S).

IPS Degeer.

I. calligraphus Germ. Joliette Co. (O); Terrebonne Co. (Hau); St. Hyacinthe Co. VI (C). Lives in *Pinus* (S).
I. chagnoni Swaine. Montreal Isl. (S); Ottawa Co. (S). In *Picea.*
I. hudsonicus Lec. Ottawa Co., etc., throughout northern Quebec; in *Picea* (S).
I. perroti Swaine. Montreal Isl., in *Pinus resinosa* (S).
I. pini Say. Terrebonne Co. (Hau); everywhere in the Province; in *Pinus, Picea, Larix* (S).

GNATHOTRICHUS Eichh.

G. materiarius Fitch. Montreal Isl. (C); Vaudreuil Co. (S). Everywhere in conifers, *Pinus, Picea, Larix* (S).

TRYPODENDRON Steph.

T. betulae Swaine. Montreal Isl., Vaudreuil Co.; Ottawa Co.; in *Betula* (S).
T. bivittatum Kirby. Montreal Isl.; Vaudreuil Co.; very widely distributed; *Pinus, Picea, Abies, Larix, Juniperus* (S).
T. retusus Lec. Widely distributed; Montreal Isl.; Rouville Co.; Ottawa Co.; in *Populus* (S).

CRYPTURGUS Erich.

C. atomus Lec. Rouville Co.; Montreal Isl.; Ottawa Co.; in dying spruce bark (S).

DENDROCTONUS Erich.

D. picaeperda Hopk. Spruce areas of eastern Quebec; in *Picea canadensis* (S).

D. simplex Lec. Montreal Isl.; Vaudreuil Co.; Ottawa Co.; generally distributed; in weakened and dying *Larix* (S).

D. valens Lec. Rouville Co. VI (C); Montreal Isl.; Vaudreuil Co.; Ottawa Co.; everywhere in *Pinus* and less frequently in *Picea* (S).

PHLOEOTRIBUS Latr.

P. liminaris Harris. Rouville Co. VI (C); Montreal Isl.; in wild cherry (S); Vaudreuil Co. (O). Food plants, *Prunus persica*, P. *armeniaca*, P. *cerasus*, P. *serotina*, *Pyrus malus* (S).

P. piceae Swaine. Montreal Isl. and Vaudreuil Co., in dead but green branches of Picea *canadensis* and *Abies* (S).

PHLOEOSINUS Chapuis.

P. canadensis Swaine. Montreal Isl. in *Thuya occidentalis* (S)

HYLASTINUS Bedel.

H. obscurus Marsh. Montreal Isl. (C); bores in the roots of clover (S).

HYLURGOPS Lec.

H. pinifex Fitch. Terrebonne Co. (Hau); Montreal Isl.; Rouville Co.; Ottawa Co.; on *Pinus* and *Larix* (S).

H. rufipes Eichh. Montreal Isl.; on *Ulmus* (S);

LEPERISINUS Reitter.

L. aculeatus Say. Rouville Co. V-VI (C); Montreal Isl. V (C); Vaudreuil Co. VI (C); Ottawa Co.; in *Fraxinus* (S).

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